

List of Reviewers
(as per the published articles)
Year: 2025

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2025 - Volume 15 [Issue 1]

Remote Sensing-Based Crop Identification and Acreage Estimation of Rabi Wheat in Anand, Gujarat
DOI: 10.9734/ijecc/2025/v15i14668

Reviewers:

- (1) Norsuzila Ya'acob, School of Electrical Engineering, College of Engineering, University Teknologi MARA, Malaysia
- (2) Idrees Kocher, Duhok Polytechnic University, Iraq

Additional Reviewers:

- (1) Amarsinh B. Landage, Government College of Engineering Ratnagiri, India.

Complete Peer Review History: <https://sdiarticle5.com/review-history/129126>

Environmental Sustainability in the Digital Age: The Role of Smart Technologies in Agriculture, Urban Development, and Energy Management
DOI: 10.9734/ijecc/2025/v15i14669

Reviewers:

- (1) Moafaq. K. Shiea Al-Ghezi, University of Technology, Iraq.
- (2) V. Ragavi, Sri Krishna College of Engineering and Technology, India.

Complete Peer Review History: <https://sdiarticle5.com/review-history/128311>

Optimizing Flue-cured Virginia (FCV) Tobacco Productivity Through Soil Inversion and Innovative Potassium Management Strategies
DOI: 10.9734/ijecc/2025/v15i14671

Reviewers:

- (1) Devamani M, India.
- (2) Pranav Raj, Sam Higginbottom University of Agriculture, Technology and Sciences, India.
- (3) Hamed Rezaei, Soil and Water Research Institute of Iran, Iran.

Additional Reviewers:

- (1) Sreeja Bopin, Kadi Sarva Vishwavidyalaya, India.
- (2) Virendra Singh, R.B.S. College, Dr. Bhimrao Ambedkar University, India.

Complete Peer Review History: <https://sdiarticle5.com/review-history/129481>

Carbon Sequestration Potential of Cashew (*Anacardium occidentale* L.) Plantations Across Climatic Gradients in Togo
DOI: 10.9734/ijecc/2025/v15i14672

Reviewers:

- (1) Hassan Alhaji Muhammad, Abubakar Tafawa Balewa University, Nigeria.
- (2) Ashok Sambhaji Dambale, School of Agriculture, Lovely Professional University, India.

Complete Peer Review History: <https://sdiarticle5.com/review-history/128665>

Regional Variations and Adaptive Morphology of *Apis cerana* Forelegs Across India
DOI: 10.9734/ijecc/2025/v15i14673

Reviewers:

- (1) Arun Baburao Sawarkar, BP Arts, SMA Science & KKC Commerce College, KBC North Maharashtra University, India.
- (2) Thomas Smith, United Kingdom.

Complete Peer Review History: <https://sdiarticle5.com/review-history/129290>

Study of Life Cycle of *Ocimum Leaf Folder Orphanostigma abruptalis* (Lepidoptera; Crambidae) on Sweet Basil in Ambient Condition
DOI: 10.9734/ijecc/2025/v15i14674

Reviewers:

- (1) Gummadala.Kasirao, G D Goenka University, India.
- (2) Khairy Abdel-Maksoud Mohamed Abada, Cairo University, Egypt.

Complete Peer Review History: <https://sdiarticle5.com/review-history/107172>

Synergistic Impact of Biochar and Organic Amendments on Field Bean (*Vicia faba*) Growth and Soil Characteristics
DOI: 10.9734/ijec/2025/v15i14675

Reviewers:

- (1) Kh. Chandrakumar Singh, College of Horticulture, VCSGUUHF, India.
- (2) Mahmoud Ahmed Gouda Khater, National Research Centre, Egypt.

Additional Reviewers:

- (1) Ali Kareem Hussein Al-Taii, Al-Mussaib Technical College, Al-Furat Al-Awsat Technical University, Iraq.
- (2) Osama Taha Bahnas, Agriculture Engineering Research Institute, Agriculture Research Centre, Egypt.

Complete Peer Review History: <https://sdiarticle5.com/review-history/129303>

Heat Index Analysis and Simulations of Select Areas in Iowa, United States
DOI: 10.9734/ijec/2025/v15i14676

Reviewers:

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- (2) Khin Mar Yee, Mandalay University, Myanmar.
- (3) Subhaschandra Jetteppa Malled, Gulbarga University, India.

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- (1) Uja, Emmanuel Ujam, Federal University of Technology, Nigeria.
- (2) Salah Sahabi Abed, Algeria.

Complete Peer Review History: <https://sdiarticle5.com/review-history/129511>

Enhancing Agriculture through Wireless Sensor Networks
DOI: 10.9734/ijec/2025/v15i14677

Reviewers:

- (1) Mohd Salim Jan, National Institute of Electronics and Information Technology (NIELIT), India.
- (2) Mushtaque Ahmed Rahu, Pakistan.

Complete Peer Review History: <https://sdiarticle5.com/review-history/129034>

Causes of Seasonal Out-Migration in the Terms of Agricultural Perspectives in Phulbari Upazila, Kurigram, Bangladesh
DOI: 10.9734/ijec/2025/v15i14678

Reviewers:

- (1) Shalini Sanmargaraja, Universiti Tunku Abdul Rahman (UTAR), Malaysia.
- (2) Sarhan Ahmed Soliman, Agricultural Research Center (ARC), Egypt.

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- (1) Basil U Eze, Enugu State University of Science and Technology, Nigeria.

Complete Peer Review History: <https://sdiarticle5.com/review-history/128018>

Agricultural Optimization through Radioactive Tracer Technology: Applications, Challenges, and Future Directions
DOI: 10.9734/ijec/2025/v15i14679

Reviewers:

- (1) Ubulom, Simeon Reuben, University of Uyo, Nigeria.
- (2) Aminul Islam, School of Agriculture & Allied Sciences, The Neotia University, India.

Additional Reviewers:

- (1) Azmirul Hoque, Assam University, India.
- (2) Ladhaf Bibifatima Munwar, Dr. Babasaheb Ambedkar Marathwada University, India.

Complete Peer Review History: <https://sdiarticle5.com/review-history/128985>

Enhancing Jamun cv. Goma Priyanka Growth and Stress Resilience through Foliar Humic Acid and Potassium Silicate Application
DOI: 10.9734/ijec/2025/v15i14680

Reviewers:

- (1) Sopiaelena, Mulawarman University, Indonesia.
- (2) Petros Chavula, Haramaya University, Ethiopia.

Complete Peer Review History: <https://sdiarticle5.com/review-history/121836>

Exploring River's Flood Dynamics: Integrating HEC-RAS 1-D Modelling and Geospatial Techniques for the Karjan River in Gujarat's Narmada Basin, India
DOI: 10.9734/ijec/2025/v15i14681

Reviewers:

- (1) Bright Ojo, University of Arkansas, USA.
- (2) Sudheer Padikkal, India.

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- (1) Ataullah Darzar, Kandahar University, Afghanistan.
- (2) C J Jagadeesha, Karunay Institute of Technology and Sciences, India.
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- (4) Yabo Dauda Stephen, Ahmadu Bello University, Nigeria.

Complete Peer Review History: <https://sdiarticle5.com/review-history/129710>

Performance of Safflower Varieties under Different Dates of Sowing and Crop-weather Relationships

DOI: 10.9734/ijecc/2025/v15i14682

Reviewers:

- (1) kabderaAbderrahim El Keroumi, Cadi Ayyad University, Morocco.
- (2) Nuhu Steven Kuba, Plateau State Polytechnic Barkin-Ladi, Nigeria.

Complete Peer Review History: <https://sdiarticle5.com/review-history/110742>

Effect of Temperature Rise on Crop Growth and Productivity

DOI: 10.9734/ijecc/2025/v15i14683

Reviewers:

- (1) Jeverson Santiago Quishpe Gaibor, Salesian Polytechnic University, Ecuador.
- (2) Deepak Rai, ICAR-National Institute of Secondary Agriculture, India.
- (3) Desmond Mortley, Tuskegee University, USA.

Complete Peer Review History: <https://sdiarticle5.com/review-history/121063>

Hydrochemical Assessment of Water Quality and Risks Related to the Use of Groundwater Resources in the Urban Area of Niamey and Nearby Rural Areas in the Regions of Dosso and Tillabery in Niger

DOI: 10.9734/ijecc/2025/v15i14684

Reviewers:

- (1) Khairi Khalid, Universiti Teknologi MARA (UiTM), Malaysia.
- (2) Basant Kumar Dadarwal, Sri Karan Narendra Agriculture University, India.
- (3) Lucky Odume, Nigeria.

Complete Peer Review History: <https://sdiarticle5.com/review-history/129437>

Empowering Small-Scale Vegetable Farmers with Drone-based Decision Support Systems for Sustainable Production

DOI: 10.9734/ijecc/2025/v15i14685

Reviewers:

- (1) Jay Singh, Chandra Shekhar Azad University of Agriculture and Technology, India.
- (2) Karthik Kumar A, Tamil Nadu Agricultural University, India.

Complete Peer Review History: <https://sdiarticle5.com/review-history/124114>

Effect of Climate on Physiological and Quality Parameters of Kinnow Mandarin under North Western Himalayan Region

DOI: 10.9734/ijecc/2025/v15i14686

Reviewers:

- (1) Jay Singh, Chandra Shekhar Azad University of Agriculture and Technology Kanpur, India.
- (2) Niraj Kumar, Junagadh Agricultural University, Junagadh, Gujarat.

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- (2) Duda Balas, College of Forestry, Navsari Agricultural University, India.

Complete Peer Review History: <https://sdiarticle5.com/review-history/129322>

Long-Term Effect of Different Cropping Systems on Soil Physico-chemical Properties of Soil: Environmental Implications and Sustainability

DOI: 10.9734/ijecc/2025/v15i14687

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- (1) Effiom E. Oku, University of Abuja, Nigeria And Institute of Biopaleogeography named under Charles R. Darwin, Poland.
- (2) Umesh Kumar, Sardar Vallabhbhai Patel University of Agriculture and Technology, India.

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Biomedical Waste Management at Sokponta Healthcare Facility in Benin
DOI: 10.9734/ijecc/2025/v15i14688

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Complete Peer Review History: <https://sdiarticle5.com/review-history/128690>

Influence of Levels of Phosphorus and Molybdenum Seed Treatment on Root Growth of Soybean in Vertisols of Telangana, India
DOI: 10.9734/ijecc/2025/v15i14689

Reviewers:

- (1) Berca Mihai, University of Agronomic Sciences and Veterinary Medicine of Bucharest, Romania.
- (2) Shyamrao Kulkarni, University of Agricultural Sciences, Raichur, India.

Complete Peer Review History: <https://sdiarticle5.com/review-history/103359>

Treatment Efficacy of Groundwater by Electromagnetic Polarization
DOI: 10.9734/ijecc/2025/v15i14690

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- (2) Mahdi Karkush, University of Baghdad, Iraq.

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- (4) Samta Singh, K.S. Saket P.G. College, Dr. Ram Manohar Lohia Avadh University, India.

Complete Peer Review History: <https://sdiarticle5.com/review-history/130033>

Impacts of Climate Change on Forest Ecosystem Dynamics and Management Strategies
DOI: 10.9734/ijecc/2025/v15i14691

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- (1) Tesfay Mekonnen, Arba Minch University, Ethiopia.
- (2) Musabayana Zivanayi, Marondera University of Agriculture Science and Technology, Zimbabwe.

Complete Peer Review History: <https://sdiarticle5.com/review-history/126242>

The Impact of Climate Change on the U.S. Insurance Industry and Means of Prevention
DOI: 10.9734/ijecc/2025/v15i14692

Reviewers:

- (1) P. Nithya, Bishop Heber College, India.
- (2) Prachi Ugle, University College of London, UK.
- (3) C. Justin Robinson, School of Business and Management, University of the West Indies Five Islands Campus, Antigua and Barbuda.

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- (1) Adewale Abidemi Aremu, Federal University of Technology Akure, Nigeria.
- (2) K. Balaji, Christ University, India.
- (3) Raghubar Prasad Singh, Lalit Narayan Mithila University, India.

Complete Peer Review History: <https://sdiarticle5.com/review-history/129472>

Sustainable Soybean Cultivation Strategies in the NIK Region: Unravelling Climate and Soil Dynamics
DOI: 10.9734/ijecc/2025/v15i14693

Reviewers:

- (1) Bambani C. Roger, University of Parakou, Benin.
- (2) Nilima Jangre, SVCAET & RS, IGKV, India.
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- (1) Abhay Kumar Jha, Lakshmi Narain College of Technology, India.
- (2) Lawal Adewale Idris, Forestry Research Institute of Nigeria, Nigeria.

Complete Peer Review History: <https://sdiarticle5.com/review-history/129627>

Impacts of Mangrove Loss on Greenhouse Gas Emissions in the Niger Delta, Nigeria
DOI: 10.9734/ijecc/2025/v15i14694

Reviewers:

- (1) P. K. Singh, Manipur International University, India.
- (2) Omkar Gupta, College of Agricultural Engineering & Technology, VNMKV, India.

Complete Peer Review History: <https://sdiarticle5.com/review-history/130190>

Temperature Compensation of Low-cost Sensors for Accurate Temperature Measurement
DOI: 10.9734/ijecc/2025/v15i14695

Reviewers:

- (1) Raghunath Rout, Biju Patnaik University of Technology, India.
- (2) Wiafe Owusu-Banahene, University of Ghana, Ghana.

Complete Peer Review History: <https://sdiarticle5.com/review-history/130306>

Standardization of Organic Production Systems for Lettuce and Pokchoi in Nilgiris
DOI: 10.9734/ijecc/2025/v15i14696

Reviewers:

- (1) Vikash Kumar, BPSAC, BAU, India.
- (2) V S Devadas, School of Agriculture, GIET University, India.
- (3) Anil Kumar Sharma, Sri Sri University, India.

Complete Peer Review History: <https://sdiarticle5.com/review-history/130425>

A Brief Review on Hydrological Modelling
DOI: 10.9734/ijecc/2025/v15i14697

Reviewers:

- (1) Amit Biswas, Haldia Institute of Technology, India.
- (2) Okoro Njoku Onyema, David Umahi Federal University of Health Science, Nigeria.

Additional Reviewers:

- (1) Kanchan V. Shende, Dr. Vishwanath Karad MIT-World Peace University, India.

Complete Peer Review History: <https://sdiarticle5.com/review-history/130274>

Soil Organic Carbon Dynamics Across Various Land Use Systems Along Elevational Gradients in the North-eastern Himalayas
DOI: 10.9734/ijecc/2025/v15i14698

Reviewers:

- (1) Mu'minah, Pangkep State of Agricultural Polytechnic, Indonesia.
- (2) Dheerendra Singh, RNTU, India.

Complete Peer Review History: <https://sdiarticle5.com/review-history/129896>

Impact of Temporal Variability of Rainfall on Groundwater Quality of Dindigul District, India
DOI: 10.9734/ijecc/2025/v15i14699

Reviewers:

- (1) Mahamat Nour Abdallah, University of N'Djamena, Chad.
- (2) Kafando Halidou, School of Agriculture & Environmental Sciences, University of the Gambia, The Gambia.

Complete Peer Review History: <https://sdiarticle5.com/review-history/128264>

LULC Impacts on NDVI and LST: A Case Study on Jashore District, Bangladesh
DOI: 10.9734/ijecc/2025/v15i14700

Reviewers:

- (1) Mohammad Suhail Meer, Centre for Remote Sensing and Geoinformatics, Satyabhama University of Science and Technology, India.
- (2) Eteh Desmond Rowland, Niger Delta University, Nigeria.

Complete Peer Review History: <https://sdiarticle5.com/review-history/129192>

The Effect of High Carbon Dioxide and Temperature on the Total Chlorophyll Content in Grape Varieties
DOI: 10.9734/ijecc/2025/v15i14701

Reviewers:

- (1) Mahmoud Atef Saleh, Horticulture Research Institute, Agriculture Research Center, Egypt.
- (2) Szilvia Kisvarga, Hungarian University of Agriculture and Life Sciences, Hungary.

Additional Reviewers:

(1) Loai Sahib Radi, Sumer University, IRAQ.

Complete Peer Review History: <https://sdiarticle5.com/review-history/129376>

Sustainable Urban Development in West Africa: A Rapid Review of Challenges and Opportunities

DOI: 10.9734/ijecc/2025/v15i14702

Reviewers:

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(2) Irfan Ullah Stanikzai, Rokhan Institute of Higher Education, Afghanistan.

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Complete Peer Review History: <https://sdiarticle5.com/review-history/130329>

Status of Heavy Metals in Irrigation Water in the Central Narmada Valley Zone of Madhya Pradesh, India

DOI: 10.9734/ijecc/2025/v15i14703

Reviewers:

(1) Arun, P. R, Salim Ali Centre for Ornithology and Natural History (SACON), (South India Centre of Wildlife Institute of India, Dehradun), India.
(2) Ogidi Adam Ogidi, Federal University of Kashere, Nigeria.

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(4) Remonda Dimian, Egypt.
(5) SORO Gbombele, University Félix Houphouët-Boigny, Côte d'Ivoire.

Complete Peer Review History: <https://sdiarticle5.com/review-history/130844>

An Assessment of Farm Households' Vulnerability to Climate Change in Samastipur, Bihar (India)

DOI: 10.9734/ijecc/2025/v15i14704

Reviewers:

(1) Ajay kumar yadav, School of social science, DAVV, India.
(2) Gebre Tafere, Debre Birhan University, Ethiopia.
(3) Amos Otieno Wanjara, Kaimosi Friends University, Kenya.

Complete Peer Review History: <https://sdiarticle5.com/review-history/128574>

Optimum Sowing Time and Suitable Cultivars for Seed Quality Parameters of Soybean (*Glycine max L.*) during Off-Season in Northern Telangana Zone

DOI: 10.9734/ijecc/2025/v15i14705

Reviewers:

(1) Anup Kumar Sarkar, Dukhulal Nibaran Chandra College, India.
(2) Roshani Verma Gurnany, MPMSU, India.
(3) Rwotonen I. Bob, Makerere University, Uganda.

Complete Peer Review History: <https://sdiarticle5.com/review-history/113529>

A Warming World and a Fading Buzz: The Impact of Climate Change on Pollinators

DOI: 10.9734/ijecc/2025/v15i14706

Reviewers:

(1) Raviraja Shetty G., College of Horticulture, UAHS, India.
(2) Hayley Kwasniewski, University of Colorado Boulder, USA.

Additional Reviewers:

(1) Kibet Tonui, Kenya.

Complete Peer Review History: <https://sdiarticle5.com/review-history/130501>

Impact of Weather Parameters and Fungicides Strategies on the Management of Root & Stem Rot in Sesame Caused by *Macrophomina phaseolina*

DOI: 10.9734/ijecc/2025/v15i14707

Reviewers:

(1) Premalatha, K, University of Agricultural Sciences, India.
(2) Prajwol Rijal, Institute of Agriculture and Animal Science, Tribhuvan University, Nepal.

Additional Reviewers:

(1) Ali Abdullah Ali Majrashi, Taif University, Kingdom of Saudi Arabia.

Complete Peer Review History: <https://pr.sdiarticle5.com/review-history/130684>

Flood Risk and Resilience: Evidence from the 2024 Flood in Maiduguri, Nigeria

DOI: 10.9734/ijecc/2025/v15i14708

Reviewers:

- (1) Crisologo, Emeline Suyo, Mindanao State University at Naawan, Philippines.
- (2) Arion Iulia Diana, University of Agricultural Sciences and Veterinary Medicine Cluj-Napoca, Romania.

Additional Reviewers:

- (1) Ashiya Noorie, United Arab Emirates.
- (2) Erika Beilicci, Politechnica University of Timisoara, Romania.
- (3) Kayode Oladapo, McPherson University, Nigeria.

Complete Peer Review History: <https://pr.sdiarticle5.com/review-history/130704>

2025 - Volume 15 [Issue 2]**Assessing Climate Change Resilience in Central Indian Agriculture: A Regional Indicators-based Approach and Agro-climatic Zone Mapping**

DOI: 10.9734/ijecc/2025/v15i24709

Reviewers:

- (1) Mohammed Azeed Saeed, College of Basic Education, Salahaddin University, Iraq.
- (2) Md. Anisur Rahman, Islamic University, Bangladesh.
- (3) Seyed Mahdi Hosseini, Huazhong Agricultural university, China.

Additional Reviewers:

- (1) Atri Shaw, India.

Complete Peer Review History: <https://pr.sdiarticle5.com/review-history/130542>

Spatial and Temporal Trends in Extreme Rainfall in a Transition Zone: Case of the Marahoué Catchment

DOI: 10.9734/ijecc/2025/v15i24710

Reviewers:

- (1) Shoma Hore, Bangladesh University of Engineering and Technology, Bangladesh.
- (2) Sunil Kumar, Bihar Agricultural University, India.

Additional Reviewers:

- (1) Hany Mostafa, National Water Research Center, Egypt.
- (2) Ram Prasad Awasthi, Nepal.

Complete Peer Review History: <https://pr.sdiarticle5.com/review-history/130372>

Evaluation of Farming System Modules for Improving Profitability of Small Farmers in Coastal Odisha, India

DOI: 10.9734/ijecc/2025/v15i24711

Reviewers:

- (1) Samir Mohamed Ali Hassan Alredaisy, University of Khartoum, Sudan.
- (2) G Kiran Reddy, Professor Jayashankar Telangana Agricultural University, India.

Complete Peer Review History: <https://pr.sdiarticle5.com/review-history/130220>

Gender Based Vulnerability Analysis of Rural Smallholder Farming Households to Climate Change Variability in Four Major Tobacco Growing Provinces of Zimbabwe

DOI: 10.9734/ijecc/2025/v15i24712

Reviewers:

- (1) Rozina Khanam, Bangladesh University of Professional, Bangladesh.
- (2) Olalekan Anthony Fatoki, Forestry Research Institute of Nigeria, Nigeria.
- (3) Tesfaye Dessu Geleta, Ethiopian Meteorology Institute, Ethiopia.

Additional Reviewers:

- (1) Fredrick Kayusi, Maasai Mara University, Kenya.

Complete Peer Review History: <https://pr.sdiarticle5.com/review-history/130376>

Impact of Climatic and Anthropogenic Factors on the Spatio-temporal Dynamics of Mangroves in the Grand-Bassam Wetland, Côte d'Ivoire

DOI: 10.9734/ijecc/2025/v15i24713

Reviewers:

- (1) Ajaz Ahmed Wani, Govt.PG College Bhaderwah, India.
- (2) Khairul Naim Abd Aziz, Universiti Teknologi MARA (UiTM) Cawangan Perlis Kampus Arau, Malaysia.
- (3) Suganthi Kanagaraj, Bharathidasan University, India.

Complete Peer Review History: <https://pr.sdiarticle5.com/review-history/130386>

Survey of Major Insect Pests, Natural Enemies and Diseases of Brinjal in Tribal Belt of Surat District in Gujarat, India

DOI: 10.9734/ijecc/2025/v15i24714

Reviewers:

- (1) I. Paramasiva, Agricultural Research Station, Acharya N G Ranga Agricultural University, India.
- (2) Gessica Jacira Trindade de Souza, Federal University of Alagoas, Brazil.

Additional Reviewers:

- (1) Abdul Kadir Salam, University of Lampung, Indonesia.

Complete Peer Review History: <https://pr.sdiarticle5.com/review-history/130560>

Affecting Factors NO2 Distribution between 2019-2021 in the East Java, Indonesia

DOI: 10.9734/ijecc/2025/v15i24715

Reviewers:

- (1) Wali Mohammad Waseq, Parwan university, Afghanistan.
- (2) Eman A. Muhsin, Iraq.
- (3) Md. Towhidul Islam, Bangladesh.

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- (1) Ir. Hasddin, Lakidende, University, Indonesia.
- (2) Kadir Uludag, Shanghai Jiao Tong University School of Medicine Mental Health Center, China.
- (3) Prisilla Jayanthi Ganda, CMR Institute Of Technology, India.

Complete Peer Review History: <https://pr.sdiarticle5.com/review-history/130701>

Biotic and Abiotic Factors as Variables in Population Build-up of Mustard Aphid (*Lipaphis erysimi* Kalt.) in the Western Gangetic Planes of India

DOI: 10.9734/ijecc/2025/v15i24716

Reviewers:

- (1) Sheetal Anand, University of Lucknow, India.
- (2) Joyjit Ghosh, Ramakrishna Mission Vivekananda Centenary College, India.

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- (1) Dwarka, Jawaharlal Nehru Krishi Vishwa Vidyalaya, Jabalpur, India.
- (2) Ayad Ismael Khaleel, College of Agriculture, Al-Qasim Green University, Iraq.

Complete Peer Review History: <https://pr.sdiarticle5.com/review-history/130638>

Chitosan Nanoparticles as Biocompatible Tool in Agriculture

DOI: 10.9734/ijecc/2025/v15i24717

Reviewers:

- (1) Zoyeb Mohamed Zia, The New College, India.
- (2) Okon Okon Ekpenyong, University of Calabar, Nigeria.

Complete Peer Review History: <https://pr.sdiarticle5.com/review-history/130657>

The Role of Smart Farming Technologies in Mitigating Climate Change and Enhancing Agricultural Sustainability

DOI: 10.9734/ijecc/2025/v15i24718

Reviewers:

- (1) Mrutyunjay Padhiary, Assam University, India.
- (2) M. Bharathi, Jayaprakash Narayan College of Engineering, India.
- (3) Udaya Kumar Addanki, Gayatri Vidya Parishad College of Engineering for Women, India.

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- (2) Oluwatosin Omotola Ajayi, The Federal University of Technology Akure, Nigeria.

Complete Peer Review History: <https://pr.sdiarticle5.com/review-history/130922>

Diversity of Bioluminescent Insects and their Threats: Status and Struggles
DOI: 10.9734/ijec/2025/v15i24719

Reviewers:

- (1) Usha Shukla, Amity University, India.
- (2) Balaji BN, ICAR-NBAIR, India.

Additional Reviewers:

- (1) Deepa Srivastava, Deen Dayal Upadhyaya Gorakhpur University, India.
- (2) André Junior Ogliari, Universidade Comunitária Da Região De Chapecó – UNOCHAPECÓ, Brazil.

Complete Peer Review History: <https://pr.sdiarticle5.com/review-history/131135>

Effect of Foliar Application of Various Micronutrients on Fruit Yield and Quality Attributes of Guava
DOI: 10.9734/ijec/2025/v15i24720

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- (2) Konthoujam Nandini Devi, Central Agricultural University, India.

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Using Machine Learning and GIS to Monitor Sandbars Along the River Niger in the Niger Delta, Nigeria
DOI: 10.9734/ijec/2025/v15i24721

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Effects on Birds in Natural and Man-made Climate Change Scenario: A Neotropical Perspective
DOI: 10.9734/ijec/2025/v15i24722

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Wildfire Impacts on Species Composition, Land Use Dynamics, and Ecosystem Service Vulnerability in Northern Ghana's Savanna Ecoregions
DOI: 10.9734/ijec/2025/v15i24723

Reviewers:

- (1) Saikat Manna, India.
- (2) Amit Kumar Verma, ICFRE-Forest Research Institute, India.
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Climate Change Impacts and Adaptation by Arable Farmers in Mmanoko Village, Kweneng District, Botswana
DOI: 10.9734/ijec/2025/v15i24725

Reviewers:

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Assessing Vegetation Decline and Soil Conservation Strategies in Kitui County, Kenya: Implications for Sustainable Land Management
DOI: 10.9734/ijec/2025/v15i24724

Reviewers:

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- (2) Priyanka Mishra, KIIT Deemed to be University, India.

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Typology, Composition and Characterization of Urban Solid Waste in the Industrial Area of Bobo-Dioulasso, Burkina Faso
DOI: 10.9734/ijec/2025/v15i24726

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A Comprehensive Review on Impact of Intensive Use of Nitrogenous Fertilizer on Nitrate Contamination in Groundwater under Sugarcane Based Cropping System in Indo-Gangetic Plains of India
DOI: 10.9734/ijec/2025/v15i24727

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- (2) Indrajeet Sahu, Vardhaman College of Engineering, India.

Additional Reviewers:

- (1) G. Muthuraman, Presidency College, India.

Complete Peer Review History: <https://pr.sdiarticle5.com/review-history/131155>

Impacts of Mangrove Cover Changes on the Land Surface Temperature in the Niger Delta Region of Nigeria
DOI: 10.9734/ijec/2025/v15i24728

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Complete Peer Review History: <https://pr.sdiarticle5.com/review-history/130189>

Greenhouse Gas Emissions during Windrow Composting and Open-Air Dumping of Pig Manure with Added Wood Shavings
DOI: 10.9734/ijec/2025/v15i24729

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- (1) Venkatesan V G, PAJANCOA & RI, India.
- (2) Bello Hadi, University of Ilorin, Nigeria.
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Temperature and Cultivar Influence on Enzyme Activity and Composition of the Microbial Community in the Rhizosphere of Sweet Potato during Early Growth Stage
DOI: 10.9734/ijec/2025/v15i24730

Reviewers:

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- (2) Adamma C. E. Ibeaja, Abia State University, Nigeria.

Additional Reviewers:

- (1) Adamma C. E. Ibeaja, Abia State University, UTURU, Nigeria.

Complete Peer Review History: <https://pr.sdiarticle5.com/review-history/130877>

Impact of Wastewater Irrigation on Nutrient Uptake and Soil Fertility in Soybean Cultivation
DOI: 10.9734/ijec/2025/v15i24731

Reviewers:

- (1) Aqib Zahoor, Hainan University, P. R. China.
- (2) Sjarifuddin Ene, College of Agricultural Sciences of Mujahidin Tolitoli, Indonesia.

Complete Peer Review History: <https://pr.sdiarticle5.com/review-history/130811>

Impact of Climate Change on Yield of Major Cereals in India and Nepal: A Micro Regional Analysis
DOI: 10.9734/ijec/2025/v15i24732

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Complete Peer Review History: <https://pr.sdiarticle5.com/review-history/131142>

Extension Advisory Services on Farmer's Climate Change Mitigation Strategies in Misungwi District, Tanzania: Issues and Options
DOI: 10.9734/ijec/2025/v15i24733

Reviewers:

- (1) Aphu Elvis Selase, Huazhong University of Science and Technology, China.
- (2) Muhammad Tahir Anwar, Pakistan.

Complete Peer Review History: <https://pr.sdiarticle5.com/review-history/131070>

Exploring the Factors Influencing Climate Change in Agriculture: A Study of Kerabari Municipality in Morang District, Nepal
DOI: 10.9734/ijec/2025/v15i24734

Reviewers:

- (1) Prasad Patil, Kerala Agricultural University, India.
- (2) Jay Singh, Chandra Shekhar Azad University of Agriculture and Technology, India.
- (3) Gyan Prakash Morya, Vital Biotech Research & Training Institute, India.

Complete Peer Review History: <https://pr.sdiarticle5.com/review-history/130683>

Using Sentinel 1A (SAR) and Sentinel 2 Data for Assessing Water Spread Dynamics and Crop Diversification in Lower Palar Sub Basin, Tamil Nadu, India
DOI: 10.9734/ijec/2025/v15i24735

Reviewers:

- (1) Shashikant Verma, National Institute of Technology, India.
- (2) Widodo Brontowiyono, Universitas Islam Indonesia, Indonesia.

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- (1) Hassane Bassirou, University of Lomé, Togo.

Complete Peer Review History: <https://pr.sdiarticle5.com/review-history/131395>

A Review on Green Solvents for Sustainable Pigment Extraction from Floral Sources
DOI: 10.9734/ijec/2025/v15i24736

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- (1) Milad Edraki, Islamic Azad University, Iran.
- (2) Mrunali Patel, Ganpat University, India.

Additional Reviewers:

- (1) A. P. Gowsalya Devi, The Standard Fireworks Rajaratnam College for Women, India.
- (2) Mrunali Patel, Ganpat University, India.

Complete Peer Review History: <https://pr.sdiarticle5.com/review-history/131539>

Influence of Intra-Household Gender Dynamics on Household Vulnerability to Climate Change: Empirical Evidence from Tripura State of North-East India
DOI: 10.9734/ijec/2025/v15i24737

Reviewers:

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- (2) Fredrick Kayusi, Maasai Mara University, Kenya.
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- (2) Reshmi S, MES Asmabi College, Kodungallur, India.

Complete Peer Review History: <https://pr.sdiarticle5.com/review-history/130896>

Climate Change: Understanding Why CO₂ is Innocent and Humanity Only an Accomplice of Nature—Strategies, Findings, and Consequences in Brief

DOI: 10.9734/ijecc/2025/v15i24738

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- (1) Zahid Husain Khan, Sonargaon University, Bangladesh.
- (2) Suraj E S, KCT Business School, India.

Additional Reviewers:

- (1) Sidra Muhyuddin, Muhammad Nawaz Sharif University of Agriculture Multan, Pakistan.

Complete Peer Review History: <https://pr.sdiarticle5.com/review-history/130899>

Analysis of Meteorological Drought Using Standardized Precipitation Index (SPI) in the Dry Areas of Southern Karnataka, India

DOI: 10.9734/ijecc/2025/v15i24739

Reviewers:

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- (2) Gloria Langyit Dasat, Pan African University, Institute of Life and Earth Sciences (PAULESI), University of Ibadan, Nigeria.

Complete Peer Review History: <https://pr.sdiarticle5.com/review-history/131334>

A Comprehensive Review on Protected Cultivation of Horticultural Crops: Advances and Sustainability

DOI: 10.9734/ijecc/2025/v15i24740

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- (1) Kukuh Setiawan, University of Lampung, Indonesia.
- (2) K. Selvarani, School of Agriculture and Horticulture, Kalasalingam Academy of Research and Education, India.

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- (1) Pushpa Kumari, Nalanda College of Horticulture, India.
- (2) Sukhjinder Singh, CSIR-IHBT Palampur, India.

Complete Peer Review History: <https://pr.sdiarticle5.com/review-history/131464>

Eco-friendly Management of Pink Stem Borer (*Sesamia inferens* Walker) in Finger Millet (*Eleusine coracana* Gaertn) in Andhra Pradesh, India

DOI: 10.9734/ijecc/2025/v15i24741

Reviewers:

- (1) Kundansing R. Jadhao, MGM College of Agricultural Biotechnology, India.
- (2) Jaswinder Kaur, Kwantlen Polytechnic University, Canada.

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- (1) R. Shravan Kumar, PJTAU, India.

Complete Peer Review History: <https://pr.sdiarticle5.com/review-history/131661>

Microplastic Contamination in Agricultural Soils Across India: A Systematic Review

DOI: 10.9734/ijecc/2025/v15i24742

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- (1) P. Karthikeyan, University of Kerala, India.
- (2) Flavia Massuga, Universidade Estadual do Centro-Oeste (UNICENTRO), Brazil.

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- (2) Saidu Akun Abdallah, Hussaini Adamu Federal Polytechnic, Nigeria.
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- (4) Tatnkam Ernest Jefferson, UPES, India.
- (5) Ubulom, Simeon Reuben, University of Uyo, Nigeria.
- (6) Vinda Manjramkar, B.N. Bhandarkar College of Science Autonomous, India.

Complete Peer Review History: <https://pr.sdiarticle5.com/review-history/131678>

Lotus Cultivation in Contaminated Water: Potential Risks and Solutions

DOI: 10.9734/ijecc/2025/v15i24743

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- (2) Mardhiyah Syahida Binti Berhanuddin, Universiti Teknologi Malaysia, Malaysia.

Complete Peer Review History: <https://pr.sdiarticle5.com/review-history/131348>

A Quantitative Assessment of Drought Trends in Uganda Using Statistical Models for Hydrological Indicators

DOI: 10.9734/ijecc/2025/v15i24744

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- (1) Fredrick Kayusi, Maasai Mara University, Kenya.
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Complete Peer Review History: <https://pr.sdiarticle5.com/review-history/131553>

Soil Properties Influenced by Long-term Management Practices in the Rice-Wheat System of the Terai-Teesta Alluvial Zone, India

DOI: 10.9734/ijecc/2025/v15i24745

Reviewers:

- (1) Sreeja Bopin, PSSHDA, India.
- (2) Suneel Kumar, Sardar Vallabhbhai Patel University of Agriculture and Technology, India.

Complete Peer Review History: <https://pr.sdiarticle5.com/review-history/131494>

Seasonal Analysis of Land Surface Temperature and Urban Heat Island Dynamics: A Comparative Study of Kochi and Fairbanks

DOI: 10.9734/ijecc/2025/v15i24746

Reviewers:

- (1) Aran Castro A J, Annamalai University, India.
- (2) Husna Aini Binti Swarno, Asia Pacific University of Technology & Innovation (APU), Malaysia.

Complete Peer Review History: <https://pr.sdiarticle5.com/review-history/130353>

A Comprehensive Review on Diverse Roles of Trichoderma spp. for Sustainable Agriculture

DOI: 10.9734/ijecc/2025/v15i24747

Reviewers:

- (1) Shaik Munnysha, Maharana Pratap University of Agriculture and Technology, India.
- (2) Durga Prasad Awasthi, College of Agriculture, Tripura, KVK, India.

Additional Reviewers:

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Complete Peer Review History: <https://pr.sdiarticle5.com/review-history/130827>

Effect of Foliar Application of Signal Molecules on Growth Characteristics and Rice Yield (Oryza sativa L.) on Salinity Resilience

DOI: 10.9734/ijecc/2025/v15i24748

Reviewers:

- (1) Mgr Hon. Radoslaw J. Walkowiak, Poland.
- (2) Eddy Silamat, Pat Petulai University, Indonesia.
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Additional Reviewers:

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- (3) Shaik Munnysha, RCA, MPUAT, India.

Complete Peer Review History: <https://pr.sdiarticle5.com/review-history/131219>

2025 - Volume 15 [Issue 3]**Unveiling the Power of Epigenetics in Seed Dormancy and Germination**

DOI: 10.9734/ijecc/2025/v15i34749

Reviewers:

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- (2) Kushanova Rystay Zharmagalievna, Kazakh Research Institute of Agriculture and Plant Growing, Kazakhstan.

Complete Peer Review History: <https://pr.sdiarticle5.com/review-history/131257>

Acute Toxicity of Mancozeb (fungicide) on Juvenile Common Carp (*Cyprinus carpio* var. *communis*)
DOI: 10.9734/ijec/2025/v15i34750

Reviewers:

- (1) Mehmet Reşit Taysı, Bingol University, Türkiye.
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- (2) Virendra K Sangode, M B Patel College Of Arts Commerce And Science Sadak, India.

Complete Peer Review History: <https://pr.sdiarticle5.com/review-history/131933>

Impact of Coastal Hazards on Agricultural Lands in Casiguran, Aurora, Philippines
DOI: 10.9734/ijec/2025/v15i34751

Reviewers:

- (1) Shoma Hore, Bangladesh University of Engineering and Technology, Bangladesh.
- (2) Umair Abbas, Pakistan.

Additional Reviewers:

- (1) Muzzammil Mohabir, University of Guyana, Guyana.

Complete Peer Review History: <https://pr.sdiarticle5.com/review-history/131948>

Impact of Unsustainable Aquaculture Practices on Water Quality Parameters in Fish Pond Ecosystem in Balaghat, Madhya Pradesh, India
DOI: 10.9734/ijec/2025/v15i34752

Reviewers:

- (1) S. Balamurugan, Govt Arts College, Bharathidasan University, India.
- (2) Blessing C. Okogbue, Federal Polytechnic Ekowe, Nigeria.

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- (4) Tark Raj Joshi, Far Western University, Nepal.

Complete Peer Review History: <https://pr.sdiarticle5.com/review-history/131981>

A Comprehensive Review of Modern Technologies for Climate Resilient Agriculture
DOI: 10.9734/ijec/2025/v15i34753

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- (1) N. P. Pathan, Sardarkrushinagar Dantiwada Agricultural University, India.
- (2) Ravi Kumar Rajak, Sardar Patel University, India.
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- (1) Pushp Rai Mishra, India.

Complete Peer Review History: <https://pr.sdiarticle5.com/review-history/132121>

Assessment on Effect of Growing Seasons on Seed Yield and Quality Attributes of Sesame (*Sesamum indicum* L.) Genotypes
DOI: 10.9734/ijec/2025/v15i34754

Reviewers:

- (1) Brij Bihari Pandey, Indira Gandhi Agricultural University, India.
- (2) Oumarou Abdoulaye Moussa, Université André Salifou, Nigeria.

Complete Peer Review History: <https://pr.sdiarticle5.com/review-history/124325>

Solving Problems of Climate Change through Energy Conservation
DOI: 10.9734/ijec/2025/v15i34755

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- (1) SK Chand Basha, Andhra Loyola College (Autonomous), India.
- (2) K M Soni, India.

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Forecasting Models for Bengal Gram Using Weather Parameters for Bidar District of Karnataka State, India
DOI: 10.9734/ijecc/2025/v15i34756

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- (1) Visakhonuo Kuotsu, Nagaland University, India.
- (2) GSLHV Prasada Rao, Kerala Agricultural University, India.

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Complete Peer Review History: <https://pr.sdiarticle5.com/review-history/131823>

Automatic Sprinkler in Controlled Atmosphere
DOI: 10.9734/ijecc/2025/v15i34757

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- (1) Mohan Naik R, Visvesvaraya Technological University, India.
- (2) Aditya Narayan Samanta, Abacus Institute of Engineering and Management, India.
- (3) Myrtel S. Bernardo, Institute of Computer Studies, Bulacan Agricultural State College, Philippines.

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- (2) Louence R. Villaluz, Eastern Samar State University Main Campus, Philippines.
- (3) Mohan S, Nehru Institute of Engineering and Technology, India.
- (4) P Suresh, Saveetha School of Engineering, SIMATS, India.

Complete Peer Review History: <https://pr.sdiarticle5.com/review-history/131858>

Identification of Groundwater Potential Zones in the Akole Taluka Watershed Using Geospatial Techniques and AHP
DOI: 10.9734/ijecc/2025/v15i34758

Reviewers:

- (1) Deepak Patle, College of Agricultural Engineering, India.
- (2) Sajad Ahmad Mir, University of Kashmir, India.

Additional Reviewers:

- (1) Atsbha Brhane Gebru, Aksum University, Ethiopia.
- (2) Balbir Nagal, National Institute of Technology, Kurukshetra, India.
- (3) Bharat L Gadakh, Savitribai Phule Pune University, K.R.T. Arts, B.H. Commerce and A.M. Science (KTHM) College, India.
- (3) Edmealem Temesgen Ebstu, Arba Minch University Water Institute of Technology, Ethiopia.
- (4) Ballu Harish, CSIT-IST-JNTUH, India.
- (5) Mohmmad Idrees Attar, College of Agricultural Engineering and Technology, SKUAST-Kashmir, India.
- (6) Prem Ranjanl, G. B. Pant National Institute of Himalyan Environment, India.

Complete Peer Review History: <https://pr.sdiarticle5.com/review-history/132187>

Evaluation of Water Pollution in the Locality of Mbang-Foulbe, Adamawa, Cameroon
DOI: 10.9734/ijecc/2025/v15i34759

Reviewers:

- (1) Cyrelle M. Besana, University of Southern Mindanao, Philippines.
- (2) Boulgheb Abdelmadjid, Ahmed Draya African University of Adrar, Algeria.

Additional Reviewers:

- (1) Aditi Bisht, India.
- (2) Shiffa Ul Ain, Muhammad Nawaz Sharif University of Agriculture Multan, Pakistan.

Complete Peer Review History: <https://pr.sdiarticle5.com/review-history/129598>

Rainfall and Temperature Characteristics in Kibwezi West Sub-County, Kenya
DOI: 10.9734/ijecc/2025/v15i34760

Reviewers:

- (1) Ogundahunsi Isaac Ifedayo, University of Ilorin, Nigeria.
- (2) Md Abu Zafur Al Munsur, Sher-e-Bangla Agricultural University, Bangladesh.

Complete Peer Review History: <https://pr.sdiarticle5.com/review-history/132374>

Assessment of Genetic Diversity in Bread Wheat (*Triticum aestivum* L.) Genotypes for Drought Tolerance
DOI: 10.9734/ijecc/2025/v15i34761

Reviewers:

- (1) Arash Mohammadi, Iran.
- (2) Ali Asghari, Mohaghegh Ardabili Uni., Iran.
- (3) Muhammad Zulkiffal, Pakistan Wheat Research Institute, Pakistan.

Additional Reviewers:

(1) Ravindra Prasad, Banaras Hindu University, India.

Complete Peer Review History: <https://pr.sdiarticle5.com/review-history/131918>

Knowledge of Farmers on Climate Change: A Study among Farm Families of Jorhat District, Assam, India
DOI: 10.9734/ijecc/2025/v15i34762**Reviewers:**

- (1) Farhang Salehi, Iran.
- (2) Kabiru Hamisu, SR University, Nigeria.
- (3) Stephen Sunday Ojo, Federal University of Lafia, Nigeria.

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- (1) Adesanya Kehinde Ademola, Cocoa Research Institute of Nigeria, Nigeria.
- (2) Alabi Salihu Ibrahim, Ahmadu Bello University, Nigeria.
- (3) Eddy Silamat, Pat Petulai University, Indonesian.
- (4) Elizabeth Ogar, Purdue University, West Lafayette, USA.
- (5) Pallavi Lalasaheb Kolekar, Dr. Shardchandra Pawar College of Agriculture, MPKV, India.
- (6) Sidharth.S, ICAR-National Dairy Research Institute, India.
- (7) S. M. Rahaman, Bihar Agricultural University, India.

Complete Peer Review History: <https://pr.sdiarticle5.com/review-history/132113>

Study on Agrometeorological Indices and Heat Use Efficiency for Black Gram (Kharif) Crop under Varied Environmental Conditions
DOI: 10.9734/ijecc/2025/v15i34763**Reviewers:**

- (1) Pratik Prasad Singh, IARI (Indian Agricultural Research Institute), India.
- (2) Siddhant Gupta, GBPUAT, India.

Additional Reviewers:

- (1) Sunanda Moka, India.

Complete Peer Review History: <https://pr.sdiarticle5.com/review-history/132306>

Survey and Characterization of Sugarcane Cultivating Soils of Kerala in India with Special Emphasis on Silicon Availability and Iron-aluminium Toxicity
DOI: 10.9734/ijecc/2025/v15i34764**Reviewers:**

- (1) Shoma Hore, Anti-Corruption Commission, Bangladesh.
- (2) V. Prasad, PJTAU, India.

Additional Reviewers:

- (1) Aswini Kumar Rath, India.
- (2) Gorasiya Chirag Amrishbhai, Junagadh Agricultural University, India.
- (3) Mohammed J. Mawat, Basrah University, Iraq.
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- (5) Sri Maryani, South Sumatra Provincial Government, Indonesia.

Complete Peer Review History: <https://pr.sdiarticle5.com/review-history/132195>

Biodiversity Loss in Coastal Wetlands Due to Industrial Expansion: A Study on Mangrove Ecosystems
DOI: 10.9734/ijecc/2025/v15i34765**Reviewers:**

- (1) Flomo L. Gbawoquiya, Cuttington University, Liberia.
- (2) Adeyinka Olusanya, Oklahoma State University, United States.

Additional Reviewers:

- (1) B. BABU, Indra Ganesan College Of Engineering, India.
- (2) Galih Kartika Sari, Republic of Indonesia.
- (3) Igwe Kelechi Njoku, The Nigerian Institute of International Affairs, Nigeria.
- (4) Janet Temitope Asifat, University of Ilesa, Nigeria.
- (5) Mazhar Hussain, Times Institute Multan (Pakistan), Pakistan.

Complete Peer Review History: <https://pr.sdiarticle5.com/review-history/132351>

Projected Impacts of Climate Change on Palm Oil Production in Côte d'Ivoire
DOI: 10.9734/ijecc/2025/v15i34766**Reviewers:**

- (1) Handoko Subawi, Indonesia.
- (2) Bambang Surya Adji Syahputra, Tjut Nyak Dhien University, Indonesia.

Complete Peer Review History: <https://pr.sdiarticle5.com/review-history/131400>

Mitigating High Temperature Stress in Rice (*Oryza sativa* L.) with Osmoprotectant Foliar Sprays at Various Phenophases
DOI: 10.9734/ijec/2025/v15i34767

Reviewers:

- (1) Muhammad Sajjad, University of Agriculture, Pakistan.
- (2) K. Malarkodi, Tamil Nadu Agricultural University, India.

Additional Reviewers:

- (1) Jyotsna Dayma, Nirwan University, India.

Complete Peer Review History: <https://pr.sdiarticle5.com/review-history/128132>

A Non-parametric Trend Evaluation Approach of Rainfall Data for Biswanath Chariali Weather Station and NASA Power
DOI: 10.9734/ijec/2025/v15i34768

Reviewers:

- (1) Loukrakpam Chandramani, India.
- (2) Musa Mohammad Tanko, Nigeria.
- (3) Hezekiah Seun Adewinbi, Kent State University, United States.

Additional Reviewers:

- (1) Ronald L. Reyes, Centro Escolar University – Manila, Philippines.
- (2) Sodunke, Mobolaji Aduramo, Moshood Abiola Polytechnic, Nigeria.
- (3) Veronica Mwikali Kiluva, Masinde Muliro University of Science and Technology, Kenya.

Complete Peer Review History: <https://pr.sdiarticle5.com/review-history/132602>

Impact of Different Soil Moisture Regimes under Alternate Wetting and Drying (AWD) on the Growth and Yield of Wetland Paddy
DOI: 10.9734/ijec/2025/v15i34769

Reviewers:

- (1) Abhishree R, University of Agricultural Sciences, India.
- (2) Prasanna Lakshmi G S, Nagarjuna College of Engineering and Technology, India.

Additional Reviewers:

- (1) Naveen Kumar S, India.

Complete Peer Review History: <https://pr.sdiarticle5.com/review-history/132676>

Climate Variability in Temperature Trends and Change Point in Yenagoa, Nigeria
DOI: 10.9734/ijec/2025/v15i34770

Reviewers:

- (1) Isah Abdullahi Tanko, Federal University Of Technology, Nigeria.
- (2) Abhishek Pandey, Institute of Advanced Research, India.

Complete Peer Review History: <https://pr.sdiarticle5.com/review-history/132458>

Assessment of Length of Growing Period for Efficient Crop Planning in the Tarai and Mid Himalayan Regions of Uttarakhand, India
DOI: 10.9734/ijec/2025/v15i34771

Reviewers:

- (1) Ir. Heri Sulistiyono, University of Mataram, Indonesia.
- (2) Vijay Keru Balsane, Government College of Agriculture, India.

Additional Reviewers:

- (1) Ifeanyi Michael Smarte Anekwe, School of Chemical and Metallurgical Engineering, University of the Witwatersrand, South Africa.
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Complete Peer Review History: <https://pr.sdiarticle5.com/review-history/132550>

Effects of Climate Change on Fruit Growing: Risks and Solutions for the Future
DOI: 10.9734/ijec/2025/v15i34772

Reviewers:

- (1) Ștefan Țălu, The Technical University of Cluj-Napoca, Romania.
- (2) Piyoosh Rautela, India.

Additional Reviewers:

- (1) Gouthami Y, Dr. Y S R Horticultural University, India.
- (2) M R Dinesh, India.
- (3) Piyoosh Rautela, India.
- (4) Preeti Yadav, Indian Council of Agricultural Research, India.

Complete Peer Review History: <https://pr.sdiarticle5.com/review-history/132709>

Impact of NICRA Project on Knowledge and Adoption of Sustainable Cabbage Production Technologies: A Study in Sangsangyu Block under Tuensang District of Nagaland, India
DOI: 10.9734/ijecc/2025/v15i34773

Reviewers:

- (1) Dwity Sundar Rout, M. S. Swaminathan School of Agriculture, Centurion University of Technology and Management, India.
- (2) Rozhan Abu Dardak, Previously, Malaysian Agricultural Research and Development Institute (MARDI), Malaysia.

Additional Reviewers:

- (1) Dwity Sundar Rout, M. S. Swaminathan School of Agriculture, Centurion University of Technology and Management, India.
- (2) Norbu Jamchu Thongdok, Mizoram University, India.

Complete Peer Review History: <https://pr.sdiarticle5.com/review-history/132752>

Regenerative Agriculture and Soil Conservation: A Comprehensive Review
DOI: 10.9734/ijecc/2025/v15i34774

Reviewers:

- (1) Boris Boincean, Alecu Russo Balti State University, Republic of Moldova.
- (2) Seyyed Akbar Sadaty, Islamic Azad University, Iran.

Complete Peer Review History: <https://pr.sdiarticle5.com/review-history/132998>

Impact of Climate Change on Wheat Yield in Chhattisgarh Under RCP 4.5 and RCP 8.5: A DSSAT-based Study
DOI: 10.9734/ijecc/2025/v15i34775

Reviewers:

- (1) Tehseen Sajid, Khawaja Fareed University of Engineering and Information Technology, Pakistan.
- (2) Deviprasad Mishra, CSVTU, India.

Additional Reviewers:

- (1) Waseem Ahmed Khattak, Quaid-i-Azam University, Pakistan.

Complete Peer Review History: <https://pr.sdiarticle5.com/review-history/132681>

Studies on Quantitative and Qualitative Composition of Culturable Air Mycoflora of Six Different Traffic Zones of Siliguri, West Bengal
DOI: 10.9734/ijecc/2025/v15i34776

Reviewers:

- (1) Tasawar Iqbal, Institute of Physiology and Pharmacology, University of Agriculture Faisalabad, Pakistan.
- (2) Sugam Gupta, Tula's Institute, India.

Additional Reviewers:

- (1) Geoffrey Saah Botchway, University of Cape Coast, Ghana.
- (2) Hazim Saad Jabbar Al-Maliki, College of Dentistry, University of Basrah, Iraq.
- (3) Mohammed Dhafer Alyami, Bellarmine University, USA.

Complete Peer Review History: <https://pr.sdiarticle5.com/review-history/132496>

Climatic Influences on Photovoltaic Panel Performance: A Case Study of Yomou Prefecture, Republic of Guinea
DOI: 10.9734/ijecc/2025/v15i34777

Reviewers:

- (1) Talha Farooq, USA.
- (2) Pushp Rai Mishra, India.
- (3) Abdirizak Yasin Yusuf, Indian Institute of Technology Delhi (IIT Delhi), Somalia.

Complete Peer Review History: <https://pr.sdiarticle5.com/review-history/132780>

Food-Climate Nexus in Qush Tapa National Irrigation Canal
DOI: 10.9734/ijecc/2025/v15i34778

Reviewers:

- (1) Amit Kumar Pandey, Bihar Agricultural University, India.
- (2) Dinesh Kumar, Veer Bahadur Singh Purvanchal University, India.
- (3) Muhammad Usman, Henan Agricultural University, Pakistan.

Complete Peer Review History: <https://pr.sdiarticle5.com/review-history/132749>

Assessing the Operational Capacity of Airports in Extreme Weather Scenarios in the Niger Delta Region
DOI: 10.9734/ijecc/2025/v15i34779

Reviewers:

- (1) Irene Buselli, University of Genova, Italy.
- (2) Salah Ahmad Saleh Ezreqat, College of Medicine, King Saud University, Saudi Arabia.

Complete Peer Review History: <https://pr.sdiarticle5.com/review-history/126725>

A Study of Spatial and Temporal Variations of Climatic Variables during Sand and Dust Storm Events in Riyadh Using in-Situ Observations

DOI: 10.9734/ijecc/2025/v15i34780

Reviewers:

- (1) Sharmistha Bhowmik, The Maharaja Sayajirao University of Baroda, India.
- (2) Edward Uluma, Masinde Muliro University of Science And Technology, Kenya.

Additional Reviewers:

- (1) Vahid Isazade, University of Tehran, Iran.

Complete Peer Review History: <https://pr.sdiarticle5.com/review-history/132943>

Influence of Irrigation Schedules and Cow Urine Spray on Density and Dry Biomass of Cynodon dactylon

DOI: 10.9734/ijecc/2025/v15i34781

Reviewers:

- (1) Rajesh G M, Kumaraguru Institute of Agriculture, India.
- (2) Shani Gulaiya, Galgotias University, India.

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Assessing Climatic Risks on Commercial Real Estate in Ayeduase and Kotei, Ghana: Pathways to a Sustainable Future

DOI: 10.9734/ijecc/2025/v15i34782

Reviewers:

- (1) MD Sabbir Hossen, University of Barishal, Bangladesh.
- (2) Prakash Kumar Sahoo, Dhenkanal Autonomous College, India.

Complete Peer Review History: <https://pr.sdiarticle5.com/review-history/133353>

Urban Land Vulnerability in a Sahelian City in West Africa: The Case of the Niamey 5 Communal District, Niger

DOI: 10.9734/ijecc/2025/v15i34783

Reviewers:

- (1) Anindita Bhattacharya, United Kingdom.
- (2) Hamid Ganjaeian, University of Tehran, Iran.

Additional Reviewers:

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- (2) Bateswar Das, Hokkaido University, India.

Complete Peer Review History: <https://pr.sdiarticle5.com/review-history/133184>

Index Development for Building Institutional Capacity to Climate Risk Management in Rainfed Farming

DOI: 10.9734/ijecc/2025/v15i34784

Reviewers:

- (1) G. K. Bhabhor, Anand Agricultural University, India.
- (2) Gyan Prakash Morya, Vital Biotech Research & Training Institute, India.

Complete Peer Review History: <https://pr.sdiarticle5.com/review-history/130526>

Growth Performance of Maize (*Zea mays* L.) under Different Micro-climatic Regimes

DOI: 10.9734/ijecc/2025/v15i34785

Reviewers:

- (1) Bijendra Pal, Thailand.
- (2) Noorellimia bt mat toridi, Universiti Putra Malaysia, Malaysia.

Complete Peer Review History: <https://pr.sdiarticle5.com/review-history/133362>

Empowering Farmers through Climate Resilience: A Socio-economic Study of the Farmers under the National Innovations in Climate Resilient Agriculture (NICRA) Project in Jharsuguda District of Odisha, India

DOI: 10.9734/ijecc/2025/v15i34786

Reviewers:

- (1) Amrit Dhakal, Prince of Songkla University, Nepal.
- (2) Fredrick Kayusi, Maasai Mara University, Kenya.

Additional Reviewers:

- (1) Ismail Adewoyin, Lead City University, Nigeria.
- (2) Abdulhadi Fagge Musa, Bayero University Kano, Nigeria.
- (3) Ayush Mishra, CSA University of Agricultural and Technology, India.
- (4) Fredrick Kayusi, Maasai Mara University, Kenya.
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Complete Peer Review History: <https://pr.sdiarticle5.com/review-history/133466>

The AI-powered Cleanup: A Revolution in Solid Waste Management
DOI: 10.9734/ijecc/2025/v15i34787

Reviewers:

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- (2) Prasanna Pasam, USA.
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Complete Peer Review History: <https://pr.sdiarticle5.com/review-history/133347>

Environmental Concerns in Porto Romano: Impact of Industrial to Suburban Shift
DOI: 10.9734/ijecc/2025/v15i34788

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- (1) P. SUJATHA, Bharathi Women's College, India.
- (2) Gelgelo Wako Duba, Ethiopia.
- (3) Jonam Jacob Lembi, Federal University of Technology, Minna, Niger State.

Complete Peer Review History: <https://pr.sdiarticle5.com/review-history/133170>

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Assessment of Rainfall-Runoff using HEC-HMS in Ravishankar Sagar Reservoir, Dhamtari, Chhattisgarh, India
DOI: 10.9734/ijecc/2025/v15i44789

Reviewers:

- (1) Sandeep Yadav, Government Girls College, India.
- (2) IZUEGBU, Ogochukwu Uju, Nasarawa State University, Nigeria.

Additional Reviewers:

- (1) Hossam Aldeen Anwer Osman Mohamed, Karary University, Sudan.
- (2) Mugdha Trivedi, Water Resources Engineering & Management Institute, The Maharaja Sayajirao University of Baroda, India.

Complete Peer Review History: <https://pr.sdiarticle5.com/review-history/133378>

Rainfall Trend and Variability Analysis for Resilient Crop Planning in Drought Prone Bolangir District of Odisha, India
DOI: 10.9734/ijecc/2025/v15i44790

Reviewers:

- (1) Anil Kumar, India.
- (2) Bivek Chakma, Central Agricultural University, India.

Additional Reviewers:

- (1) Jameel AL-Naffakh, AL-Furat Al-Awsat Technical University, Iraq.

Complete Peer Review History: <https://pr.sdiarticle5.com/review-history/133163>

Evaluation of the Physical Status of the Dam and Its Environments for Compliance with Dam Safety Guidelines
DOI: 10.9734/ijecc/2025/v15i44791

Reviewers:

- (1) Toderas Mihaela, University of Petrosani, Romania.
- (2) Sayedarash Hosseini Sabzevari, Shahid Beheshti University, Iran.
- (3) Edwin Kipkirui, Tongji University, Kenya.

Complete Peer Review History: <https://pr.sdiarticle5.com/review-history/128320>

Growth Performance of Paddy (*Oryza sativa* L.) under Influence of Foliar Application of Nano Silica in Calcareous Soil Condition
DOI: 10.9734/ijecc/2025/v15i44792

Reviewers:

- (1) Elumle Priyanka, Assam Agricultural University, India.
- (2) Raheed M. Abdullah, Northern Technical University, Iraq.

Complete Peer Review History: <https://pr.sdiarticle5.com/review-history/133589>

Climate Change, Regenerative Agriculture and Carbon Neutrality in the Context of Tea Cultivation
DOI: 10.9734/ijec/2025/v15i44793

Reviewers:

- (1) Shivam Satyawar Madrewar, RCSI College of Agriculture, India.
- (2) Oluwatobi Ife-Adediran, USA.
- (3) Ruchi Tyagi, Asian Institute of Technology, India.

Additional Reviewers:

- (1) Andrii Shepel, Kherson State Agrarian and Economic University, Ukraine.
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Complete Peer Review History: <https://pr.sdiarticle5.com/review-history/133394>

The Wisdom of the Mountains: Traditional Knowledge for Resilience and Disaster Risk Reduction
DOI: 10.9734/ijec/2025/v15i44794

Reviewers:

- (1) Ayobami Joseph Okanlawon, Nigeria.
- (2) Rico B. Orenia, Anglo Singapore International School, Philippines.

Complete Peer Review History: <https://pr.sdiarticle5.com/review-history/133332>

Phytochemical Profiling and Ethnobotanical Study of Podophyllum hexandrum Royle.: Insights from Langate Forest Division, Jammu and Kashmir
DOI: 10.9734/ijec/2025/v15i44795

Reviewers:

- (1) Joan U. Imah-Harry, Precious Cornerstone University, Nigeria.
- (2) Gabriel A. Sotade, Federal College of Veterinary & Medical Laboratory (NVRI) Vom, Nigeria.
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- (1) Saeideh Hosseini, Iran.

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Assessment of Heavy Metal Pollution in Taihu Lake: A Review
DOI: 10.9734/ijec/2025/v15i44796

Reviewers:

- (1) Aminu Mustapha, Bayero University, Nigeria.
- (2) Jeremiah Agada, Nigeria.

Additional Reviewers:

- (1) Abdulhalim Musa Abubakar, Modibbo Adama University, Nigeria.
- (2) Sujal K. Revankar, Karnatak University Post Graduate Centre, India.

Complete Peer Review History: <https://pr.sdiarticle5.com/review-history/133020>

Optimizing Power Consumption in IoT Sensor Systems through Adaptive Duty Cycling with Intelligent Automated Switching
DOI: 10.9734/ijec/2025/v15i44797

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- (1) RYAN C. FONTANILLA, Medical Colleges of Northern Philippines and International School of Asia and the Pacific, Philippines.
- (2) La Mema Parandy, Universitas Pembangunan Nasional "Veteran" Jawa Timur, Indonesia.
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- (4) Abdulwahhab Essa Hamzah, Iraq University College, Iraq.

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- (1) Ammar Yaseen Burjes, University of Mosul, Iraq.
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- (5) Mohankumar V, Dr. Ambedkar Institute of Technology, India.

Complete Peer Review History: <https://pr.sdiarticle5.com/review-history/133751>

Association Studies of Different Organic and Inorganic Fertilizers on Yield and Yield Attributes of Soybean (Glycine max L. Merr.) in Latur
DOI: 10.9734/ijec/2025/v15i44798

Reviewers:

- (1) Jakkula Vijay, India.
- (2) Abdullahi Usman, Federal University, Nigeria.

Complete Peer Review History: <https://pr.sdiarticle5.com/review-history/132664>

Statistical Analysis of Climate Variability and its Impacts on Tank Irrigation: A Case Study of the Agaramar Sub-Basin, India
DOI: 10.9734/ijecc/2025/v15i44799

Reviewers:

- (1) Jakobis Johanis Messakh, Universitas Nusa Cendana, Indonesia.
- (2) Hany Mostafa, Environment and Climate Changes Research Institute, National Water Research Center, Egypt.

Complete Peer Review History: <https://pr.sdiarticle5.com/review-history/133668>

Heavy Metals Pollution in Ambient Air and Health Risk Assessment in Eket, Akwa Ibom State, Nigeria
DOI: 10.9734/ijecc/2025/v15i44800

Reviewers:

- (1) Fahad Said, University of Poonch Rawalakot, Pakistan.
- (2) Nosheen Naseem, University of Poonch Rawalakot, Pakistan.
- (3) Daniel Victor Nenman, Nigeria.

Additional Reviewers:

- (1) Abhijeet DAS, C.V. Raman Global University (CGU), India.
- (2) Ajay Kumar Singh, India.
- (3) Bhagwan Singh Chandravanshi, Addis Ababa University, Ethiopia.

Complete Peer Review History: <https://pr.sdiarticle5.com/review-history/133297>

Enhancing Tomato Yield and Stress Resilience through Grafting: A Study in Kalahandi District of Odisha, India
DOI: 10.9734/ijecc/2025/v15i44801

Reviewers:

- (1) KAREEM, Mariam Olamide, New Mexico State University, United States.
- (2) Draghici Elena Maria, University of Agronomic Sciences and Veterinary Medicine of Bucharest, Romania.

Complete Peer Review History: <https://pr.sdiarticle5.com/review-history/133866>

Synergistic Effects of Hydrogel Application and Mulching Practices for Climate-Resilient Pearl Millet (*Pennisetum glaucum* L.) Production
DOI: 10.9734/ijecc/2025/v15i44802

Reviewers:

- (1) Abha Nutan Kujur, Birsa Agricultural University, India.
- (2) Muhammad Tahir Anwar, Pakistan.

Additional Reviewers:

- (1) Manoj Kumar, Dr. Rajendra Prasad Central Agricultural University, India.

Complete Peer Review History: <https://pr.sdiarticle5.com/review-history/133922>

Seasonal Distribution, Bioavailability and Ecological Risk Assessment of Heavy Metals in Sediments from Gold Mining in the Northern Part of Côte d'Ivoire, West Africa
DOI: 10.9734/ijecc/2025/v15i44803

Reviewers:

- (1) Radhika R, NSS Hindu College, India.
- (2) Esha Anand Tambe, SNTD Women's University, India.

Complete Peer Review History: <https://pr.sdiarticle5.com/review-history/133715>

Phytoremediation of Metal Contamination: Evaluating *Pistia stratiotes* and *Eichhornia crassipes* for Lead and Cadmium Removal
DOI: 10.9734/ijecc/2025/v15i44804

Reviewers:

- (1) Mohamed Ismail Abdel-Ghaffar Fayed, Zagazig University, Egypt.
- (2) Franciele de Freitas, Federal University of Mato Grosso, Brazil.

Complete Peer Review History: <https://pr.sdiarticle5.com/review-history/133750>

Problem and Prospects of Finger Millet Production in India: A Review
DOI: 10.9734/ijecc/2025/v15i44805

Reviewers:

- (1) S. Chandraprabha, SRM Institute of Science and Technology, India.
- (2) Anandraj K C, Madurai Kamaraj University, India.

Additional Reviewers:

- (1) Pankaj Das, ICAR-Indian Agricultural Statistics Research Institute, India.
- (2) Sanjay Agarwal, Wilsonia Degree College, MPR University, India.

Complete Peer Review History: <https://pr.sdiarticle5.com/review-history/133558>

Soil Organic Carbon Stock in Various Block Plantation Systems: A Case Study from Navsari, South Gujarat, India
DOI: 10.9734/ijec/2025/v15i44806

Reviewers:

- (1) Juliet Dingsen Dodo, University of Jos, Nigeria.
- (2) Murali K V, Kerala Agricultural University, India.

Additional Reviewers:

- (1) Diah R.D. Hastuti, Universitas Negeri Makassar, Indonesia.

Complete Peer Review History: <https://pr.sdiarticle5.com/review-history/134253>

Effect of Planting Dates and Weather-Dependent Methods on Incidence of Rice Yellow Stem Borer (*Scirpophaga incertulas* Walker) and Leaf Folder (*Cnaphalocrocis medinalis* Guenee) in Bihar, India
DOI: 10.9734/ijec/2025/v15i44807

Reviewers:

- (1) Ameilia Zuliyanti Siregar, University of Sumatera Utara, Indonesia.
- (2) Anup Chandra, ICAR-Indian Institute of Pulses Research (IIPR), India.
- (3) Nihad A. Abbas, University of Al-Qadisiyah, Iraq.

Additional Reviewers:

- (1) Ameilia Zuliyanti Siregar, University of Sumatera Utara, Indonesia.

Complete Peer Review History: <https://pr.sdiarticle5.com/review-history/133556>

Assessing the Impacts of Land Use Land Cover Changes and Rainfall Trends in the Ken River Basin, India
DOI: 10.9734/ijec/2025/v15i44808

Reviewers:

- (1) Chichedo I. Duru, Morgan State University, United States.
- (2) Aravind P, Kerala Agricultural University, India.

Additional Reviewers:

- (1) Mahamat Nour Abdallah, University of N'Djamena, Chad.

Complete Peer Review History: <https://pr.sdiarticle5.com/review-history/133867>

Towards Resilience: A Comprehensive Risk Assessment of Natural Hazards in Uttarakhand, India
DOI: 10.9734/ijec/2025/v15i44809

Reviewers:

- (1) Boyko Rangelov, Bulgarian Academy of Sciences and Arts, Bulgaria.
- (2) Md. Shafiqul Islam, International University of Business Agriculture and Technology, Bangladesh.

Additional Reviewers:

- (1) K.O. Ozegin, Ambrose Alli University, Nigeria.
- (2) Saurabh Kumar Anuragi, Maulana Azad National Institute Of Technology, India.

Complete Peer Review History: <https://pr.sdiarticle5.com/review-history/133785>

Assessment of Climatic Variables for the Mahi River Basin in Western India
DOI: 10.9734/ijec/2025/v15i44810

Reviewers:

- (1) Ignacio García Peiró, University of Murcia, Spain.
- (2) Uja Emmanuel, Federal University of Technology Owerri, Nigeria.
- (3) Ogundahunsi Isaac Ifedayo, University of Ilorin, Nigeria.

Additional Reviewers:

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- (2) Ignacio Garcia Peiro, University of Murcia, Spain.
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- (4) Shahrzad Khatibi, Iran.
- (5) Uja Emmanuel, Institute of Erosion Studies, Federal University of Technology, Nigeria.

Complete Peer Review History: <https://pr.sdiarticle5.com/review-history/134172>

Uptake of Heavy Metals (Cadmium, Lead, Chromium and Copper) from Paint-based Effluent Using *Azolla mycophylla* (*Azolla*) and *Eicchornia crassipies* (Water Hyacinth)
DOI: 10.9734/ijec/2025/v15i44811

Reviewers:

- (1) Asramid Yasin, Halu Oleo University, Indonesia.
- (2) Kadhim Jawad Lafta, College of Veterinary Medicine, University of Kerbala, Iraq.

Additional Reviewers:

(1) Kirti Pandya, Gujarat University, India.

Complete Peer Review History: <https://pr.sdiarticle5.com/review-history/133221>

Effect of Lethal and Sub-lethal Concentrations of Heavy Metal (Zinc) on Opercular Beat Frequency (OBF) in *Cyprinus carpio* var. *communis*

DOI: 10.9734/ijecc/2025/v15i44812

Reviewers:

(1) Nsima Amos Akpan, Ritman University, Nigeria.
(2) P. Wankitlang Shangpliang, St. Edmund's College, India.

Additional Reviewers:

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(2) M.R. Rajan, The Gandhigram Rural Institute- Deemed To Be University, India.

Complete Peer Review History: <https://pr.sdiarticle5.com/review-history/134426>

Optimizing Land Configuration and Seed Rate for Enhanced Productivity of Indian Mustard (*Brassica juncea* L.) in Semi-arid Regions

DOI: 10.9734/ijecc/2025/v15i44813

Reviewers:

(1) Ajeet Kumar, College of Basic Sciences and Humanities (CBS&H), Dr. Rajendra Prasad Central Agricultural University Pusa (Samastipur), India.
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Complete Peer Review History: <https://pr.sdiarticle5.com/review-history/134415>

Influence of Integrated Nitrogen and Weed Management Practices on Crop-weed Competition and Nutrient Depletion in Direct Seeded Rice

DOI: 10.9734/ijecc/2025/v15i44814

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Complete Peer Review History: <https://pr.sdiarticle5.com/review-history/134215>

Evaluation of Trench Cum Bund (TcB) as Soil and Water Conservation Measure for Black Cotton Soils in Tribal Watersheds: A Case Study

DOI: 10.9734/ijecc/2025/v15i44815

Reviewers:

(1) Reza Eddin Owfi, Gorgan University of Agricultural Sciences and Natural, Iran.
(2) Reynald M. Quilang, Western Philippines University, Philippines.
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Complete Peer Review History: <https://pr.sdiarticle5.com/review-history/134314>

Ecosystem Valuation and Carbon Metrics: Strategic Tools for Climate Action and Policy Making

DOI: 10.9734/ijecc/2025/v15i44816

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A Comprehensive Review of Polyethylene and Biodegradable Plastic Mulch Films: Impacts on Soil Health and Plant Growth
DOI: 10.9734/ijec/2025/v15i44817

Reviewers:

- (1) Vedika Sharma, Eternal University, India.
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Gender Perspectives on Climate Change: A Perceptual Analysis of Agricultural Activities among Farmers in India
DOI: 10.9734/ijec/2025/v15i44818

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- (1) Gaurav Nurhari Lanjewar, Dr. B.S.K.K.V. Dapoli, India.
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Complete Peer Review History: <https://pr.sdiarticle5.com/review-history/134506>

A Review on Organic Fish Farming and Its Future Prospects
DOI: 10.9734/ijec/2025/v15i44819

Reviewers:

- (1) Janardan Pathak, B. Borooah College, India.
- (2) Suruliyandi Vijayan, Abu Dhabi Public Health Centre, UAE.

Complete Peer Review History: <https://pr.sdiarticle5.com/review-history/134006>

Grain Size Distribution of Sediments and its Environmental Implications on Ubulu Okiti, Ogwashi-Asaba Formation
DOI: 10.9734/ijec/2025/v15i44820

Reviewers:

- (1) Dr N R Nisha, Cochin University of Science and Technology, India.
- (2) Faheem Ahmed, University of Peshawar, Pakistan.

Complete Peer Review History: <https://pr.sdiarticle5.com/review-history/111202>

Environmental Sustainability Practices and Commitment in Ghanaian Hotels: An Empirical Study
DOI: 10.9734/ijec/2025/v15i44821

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- (1) Balakrishnan R, MS Ramaiah University of Applied Science, India.
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Resilience, Mitigation and Adaptation Strategies to Combat Climate Change for a Sustainable Future
DOI: 10.9734/ijec/2025/v15i44822

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- (1) M. Sasirekhamani, Thulasi College of Arts and Science for Women, India.
- (2) Ishraque Bin Khalil, Environment and Resource Analysis Center (ENRAC), Bangladesh.
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- (4) M. Sasirekhamani, Thulasi College Of Arts And Science For Women, India.
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Complete Peer Review History: <https://pr.sdiarticle5.com/review-history/134306>

Effect of Different Organic Manures on Green Fruit Production in Okra (*Abelmoschus esculentus* L.)
DOI: 10.9734/ijec/2025/v15i44823

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- (1) Shyamrao Kulkarni, College of Agriculture, University of Agricultural Sciences, India.
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Complete Peer Review History: <https://pr.sdiarticle5.com/review-history/134963>

Leveraging Artificial Neural Networks for Rainfall Prediction in Medak District, Central Telangana, India
DOI: 10.9734/ijecc/2025/v15i44824

Reviewers:

- (1) M.S. Minu, SRMIST, India.
- (2) Jyoti Upadhyay, India.

Complete Peer Review History: <https://pr.sdiarticle5.com/review-history/134565>

Deficit Irrigation and Source of Water: Possible Mitigation Option of Arsenic Load in Fodder Maize and Cowpea in Lower Gangetic Plain Zone of West Bengal, India
DOI: 10.9734/ijecc/2025/v15i44825

Reviewers:

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Modeling Rainfall Intensity-Duration-Frequency (IDF) and Establishing Climate Change Existence in Abakaliki-Nigeria Using a Non-Stationary Approach
DOI: 10.9734/ijecc/2025/v15i44826

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- (1) Bello Sahed Adekunle, National Water Resources Institute, Nigeria.
- (2) Ibrahim Halil DEGER, Hasan Kalyoncu University, Turkiye.

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- (1) Rakesh Kumar, Sharda University, India.

Complete Peer Review History: <https://pr.sdiarticle5.com/review-history/134420>

Big Data Analytics in Climate Smart Agriculture: A Social Science Perspective
DOI: 10.9734/ijecc/2025/v15i44827

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Complete Peer Review History: <https://pr.sdiarticle5.com/review-history/135224>

Underutilized Vegetables of Kashmir Valley, India: Food for Future
DOI: 10.9734/ijecc/2025/v15i44828

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Complete Peer Review History: <https://pr.sdiarticle5.com/review-history/134957>

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Remote Sensing Based Assessment of Soil Degradation under Climate Change: A Contemporary Review
DOI: 10.9734/ijecc/2025/v15i44829

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- (1) P. Brindha Devi, Vels Institute of Science Technology and Advanced Studies, India.
- (2) Dibyajyoti Nath, Dr. Rajendra Prasad Central Agricultural University, India.

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Complete Peer Review History: <https://pr.sdiarticle5.com/review-history/135142>

Groundwater Quality Assessment for Drinking and Agricultural Use in Motipur Block, Muzaffarpur District, Bihar, India
DOI: 10.9734/ijec/2025/v15i54830

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Complete Peer Review History: <https://pr.sdiarticle5.com/review-history/135029>

Succession and Incidence of Major Sucking Insect Pests of Cowpea and their Natural Enemies in Relation to Meteorological Parameters
DOI: 10.9734/ijec/2025/v15i54831

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- (1) Jatin Kumar Singh, Govind Ballabh Pant University of Agriculture and Technology, India.
- (2) Sushan Chowhan, Bangladesh Institute of Nuclear Agriculture, Bangladesh.

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- (1) Arvind Kumars, IIMT University, India.
- (2) Sankarganesh E, Bihar Agricultural University, India.

Complete Peer Review History: <https://pr.sdiarticle5.com/review-history/135016>

Effect of Soil Fertility Levels and Cow Urine Application on Growth and Quality of Indian Mustard (*Brassica juncea* L.) under Sub-tropical Conditions of Lucknow, India
DOI: 10.9734/ijec/2025/v15i54832

Reviewers:

- (1) Vivek Kumar Singh, India.
- (2) Khumlo Levish Chongloi, ICAR-RC for NEH Region, Manipur centre, India.

Complete Peer Review History: <https://pr.sdiarticle5.com/review-history/135176>

Improving Fertilizer Use Efficient Method and Strategies: A Sustainable Approach for Future
DOI: 10.9734/ijec/2025/v15i54833

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- (1) Nafiu Adewale Kehinde, Nigeria Institute of Soil Science, Nigeria.
- (2) Atheefa Munawery, University of Agricultural Sciences, India.

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Complete Peer Review History: <https://pr.sdiarticle5.com/review-history/134660>

Temporal Distribution of Rainfall in Northern Hilly Region of Chhattisgarh, India: A Crop Planning Approach
DOI: 10.9734/ijec/2025/v15i54834

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Climate Change through a Gendered Lens: Intra-household Perception and Adaptation Strategies in South Kashmir
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Complete Peer Review History: <https://pr.sdiarticle5.com/review-history/135579>

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Assessing the Effect of Different Irrigation Regimes on the Crop Performance of Brinjal (*Solanum melongena* L.) in Gujarat, India
DOI: 10.9734/ijec/2025/v15i54837

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- (1) Mustafa A. J. Al-sammarraie, University of Baghdad, Iraq.
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Impact of Canal Water and Rainfall on Yield of Major Crops and NDVI Under Telugu Ganga Project in the Chittoor District, Andhra Pradesh, India
DOI: 10.9734/ijec/2025/v15i54838

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Interannual and Seasonal Variability of Lightning Flash Density and Related Meteorological Parameters over Sri Lanka (2003–2014)
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Complete Peer Review History: <https://pr.sdiarticle5.com/review-history/135330>

The Role of Agroforestry in Sustainable Land Management and Climate Resilience for enhancing Crop Production: A Literature Review
DOI: 10.9734/ijec/2025/v15i54840

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- (1) A. Eniya, TNAU, India.
- (2) Kabiru Hamisu, SR University, Nigeria.
- (3) Aileen D. Tacbalan, Eastern Visayas State University Burauen Campus, Philippines.

Complete Peer Review History: <https://pr.sdiarticle5.com/review-history/135502>

Evaluation of Hydroponic Systems for Optimizing Growth and Yield of Tomato (*Solanum lycopersicum* L.)
DOI: 10.9734/ijec/2025/v15i54841

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Evaluating Biochar as a Substitute to Ash in Seed Coffee Production: Impact on Germination, Seedling Growth and Soil Properties
DOI: 10.9734/ijec/2025/v15i54842

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- (2) M. Manimaran, Imayam Institute of Agriculture and Technology, India.

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Impact of Monsoonal Rainfall Patterns on Kharif Crop Productivity in Gujarat, India: A Machine Learning Approach
DOI: 10.9734/ijecc/2025/v15i54843

Reviewers:

- (1) D Jayanarayana Reddy, G Pullaiah College of Engineering And Technology, India.
- (2) Somashekhargouda Patil, Central Coffee Research Institute, India.

Complete Peer Review History: <https://pr.sdiarticle5.com/review-history/135099>

Understanding Climate Vulnerability and Adaptation among Farmers: A Micro-Level Study from the North Western Himalayas
DOI: 10.9734/ijecc/2025/v15i54844

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Effect of Climate Change on Vegetable Production and Mitigation Strategies in India
DOI: 10.9734/ijecc/2025/v15i54845

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- (1) Sulav Neupane, Agriculture and Forestry University, Nepal.
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- (3) Pallab Kumar Sarma, Assam Agricultural University, India.

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Environmental Impact of Cassava Processing Activities in South West Nigeria
DOI: 10.9734/ijecc/2025/v15i54846

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A Review of the Environmental and Health Impacts of Electronic Waste: Global Challenges and Sustainable Management Solutions
DOI: 10.9734/ijecc/2025/v15i54847

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Complete Peer Review History: <https://pr.sdiarticle5.com/review-history/136016>

Rainfall Trend Analysis and Contingent Crop Planning for Temporally Non-Submerged Wetlands in North Bihar (Zone I), India
DOI: 10.9734/ijecc/2025/v15i54848

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- (1) Ranjeet, College of Agriculture, India.
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The Role of Agroforestry in Enhancing Biodiversity and Ecosystem Services

DOI: 10.9734/ijec/2025/v15i54849

Reviewers:

- (1) Kiran Kotyal, Institute of Agri-Business Management, University of Agricultural Sciences Bangalore, India.
- (2) Shital Prabhakar Aher, Ashoka College of Education, India.

Complete Peer Review History: <https://pr.sdiarticle5.com/review-history/135825>

Organic Waste Recycling through Composting: An Environmental Perspective

DOI: 10.9734/ijec/2025/v15i54850

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- (2) Saidu Akun Abdallah, Nigeria.

Complete Peer Review History: <https://pr.sdiarticle5.com/review-history/135959>

Assessing the Implementation of Forest Tenure Reforms in Kenya

DOI: 10.9734/ijec/2025/v15i54851

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Removal of Copper (ii) ions from Synthetic Waste Water Using Fe₂O₃ Magnetic Nanoparticles

DOI: 10.9734/ijec/2025/v15i54852

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- (2) Mona M. Amin Abdel-Fatah, National Research Centre (NRC), Egypt.

Complete Peer Review History: <https://pr.sdiarticle5.com/review-history/135429>

A Study of Energy Potential of Substrates of Plantain (*Musa paradisiaca*) of NZerekore Prefecture, Republic of Guinea

DOI: 10.9734/ijec/2025/v15i54853

Reviewers:

- (1) Emile St-Pierre, Osaka University, Japan.
- (2) Biswanath Kumar Saha, Mongkut's University Of Technology, Thailand.

Complete Peer Review History: <https://pr.sdiarticle5.com/review-history/135760>

Assessing the Combined Effects of Nano-urea, Potassium Silicate and Micronutrients on Growth and Yield of Rice

DOI: 10.9734/ijec/2025/v15i54854

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- (2) ELIGIO C. BORRES, JR., Emilio B. Espinosa Sr. Memorial State College of Agriculture and Technology, Philippines.

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- (4) Nwosu Nkemakolam Bright, Gregory University, Nigeria.

Complete Peer Review History: <https://pr.sdiarticle5.com/review-history/136264>

Determining the Effect of Aphid Infestation on Growth and Development of Mustard with Different Weather Regimes

DOI: 10.9734/ijec/2025/v15i54855

Reviewers:

- (1) Jatin Kumar Singh, Govind Ballabh Pant University of Agriculture and Technology, India.
- (2) Sai Thilak K., Saradrkrushinagar Dantiwada Agricultural University, India.

Complete Peer Review History: <https://pr.sdiarticle5.com/review-history/135879>

Physicochemical and Bacteriological Analysis of Wastewater from the Atakpame Regional Hospital Center (TOGO)
DOI: 10.9734/ijec/2025/v15i54856

Reviewers:

- (1) Enerijiofi, K. E., Glorious Vision University, Nigeria.
- (2) Flyndon Mark S. Dagalea, University of Eastern Philippines, Philippines.

Complete Peer Review History: <https://pr.sdiarticle5.com/review-history/136048>

Remote Sensing and GIS-Based Assessment of Morphometric Parameters for Watershed Management in Wakawali, India
DOI: 10.9734/ijec/2025/v15i54857

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- (2) Mafruha Binte Shameem, Jahangirnagar University, Bangladesh.

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- (2) Sasi.M, JSS Academy of Higher Education and Research, India.
- (3) Vahid Isazade, University of Tehran, Iran.

Complete Peer Review History: <https://pr.sdiarticle5.com/review-history/136329>

Influence of Treated Industrial Effluent as Irrigation Source and Integrated Nutrient Management on Growth Parameters and Yield of Wheat (*Triticum aestivum* L.)
DOI: 10.9734/ijec/2025/v15i54858

Reviewers:

- (1) Rawad Majed Kamel Al-Jubouri, University Sawa, Republic Iraq.
- (2) Simbo Diakite, RUDN, Russia.

Complete Peer Review History: <https://pr.sdiarticle5.com/review-history/135955>

Real Time Water Quality Monitoring System (RTWQMS) for Surface Water Quality: Water Quality of River Ganga and Variation Analysis of Important Water Quality Parameters
DOI: 10.9734/ijec/2025/v15i54859

Reviewers:

- (1) Rajinder Kaur, Veterinary and Animal Sciences University, India.
- (2) Iqtia Md Siddique, The University of Texas at El Paso, USA.

Complete Peer Review History: <https://pr.sdiarticle5.com/review-history/135973>

Remote Sensing Based Soil Moisture Estimation Using In-situ Probes in Varanasi District, India
DOI: 10.9734/ijec/2025/v15i54860

Reviewers:

- (1) Rajkishore Kumar, Bihar Agricultural University, India.
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- (3) Israa Fadhil Ibraheem, Middle Technical University, Iraq.

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- (1) V. E. Nethaji Mariappan, ICAR Krishi Vigyan Kendra, India.

Complete Peer Review History: <https://pr.sdiarticle5.com/review-history/136451>

The Intersectionality of Gender, Climate Change and Resilience: A Critical Review
DOI: 10.9734/ijec/2025/v15i54861

Reviewers:

- (1) Ridha'a Ali J., Shiraz University, Iran.
- (2) Srinatha T N, ICAR-Indian Agricultural Research Institute, India.
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Complete Peer Review History: <https://pr.sdiarticle5.com/review-history/135692>

Effect of Spacing on Growth Performance, Microclimate and Soil Health of Micro Forests under Punjab Conditions, India
DOI: 10.9734/ijec/2025/v15i54862

Reviewers:

- (1) Roxan Eupena-Caray, North Eastern Mindanao State University, Philippines.
- (2) Adelle A C Blair, Antigua and Barbuda.
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Complete Peer Review History: <https://pr.sdiarticle5.com/review-history/135908>

Modelling and Mapping of Hydrological Flood Risk Areas: A Case Study of Chókwè City, Mozambique
DOI: 10.9734/ijecc/2025/v15i54863

Reviewers:

- (1) Vincent Anaboro Ogbonna, South Eastern Kenya University, Kenya.
- (2) Suraj Kalgonda Patil, DKTEs Textile & Engineering Institute, India.

Additional Reviewers:

- (1) David Stephenson, University of Botswana, Botswana.

Complete Peer Review History: <https://pr.sdiarticle5.com/review-history/136193>

A Review of Artificial Intelligence Applications in Climate Change Mitigation

DOI: 10.9734/ijecc/2025/v15i54864

Reviewers:

- (1) Sina Temesgen Tolera, Haramaya University College of Health and Medical Sciences, Ethiopia.
- (2) Amevi Acakpovi, Accra Technical University, Ghana.

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- (1) Serhii Voitko, National Technical University of Ukraine "Igor Sikorsky Kyiv Polytechnic Institute", Ukraine.

Complete Peer Review History: <https://pr.sdiarticle5.com/review-history/136233>

Performance Evaluation of Growth and Carbon Sequestration Potential of Pongamia [Pongamia pinnata (L.) Pierre] Germplasms

DOI: 10.9734/ijecc/2025/v15i54865

Reviewers:

- (1) Watitemjen, Nagaland University, India.
- (2) Mahfut, Lampung University, Indonesia.
- (3) T.V. Rajya Lakshmi, Canada.

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Estimating the Economic Value of Water Supply Function of Forests Using the Contingent Valuation Method: The Case of Karabük Yenice Forests, Türkiye

DOI: 10.9734/ijecc/2025/v15i54866

Reviewers:

- (1) Satrio Budi Prakoso, Ehime University, Japan.
- (2) Ngoc Trinh M., VNU Hanoi University of Science, Vietnam.

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Adapting Rajasthan's Agriculture to Climate Change with Solar Parks

DOI: 10.9734/ijecc/2025/v15i54867

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- (1) Aditya, India.
- (2) Gslhv Prasada Rao Science, Kerala Agricultural University, India.

Additional Reviewers:

- (1) Deepak Maurya, India.
- (2) Osita Ibe, Cocoa Research Institute of Nigeria (CRIN), Nigeria.
- (3) R. Karthick, Palar Agricultural College, India.

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Response of Cumin (Cuminum cyminum L.) to Different Seed Priming Treatments on Germination and Seed Quality Parameters in Laboratory Condition under Different Temperature Regimes

DOI: 10.9734/ijecc/2025/v15i54868

Reviewers:

- (1) M. Kabilan, Regional Coffee Research Station, India.
- (2) Rawad Khalaf Hameed, University of Tikrit, Iraq.

Complete Peer Review History: <https://pr.sdiarticle5.com/review-history/136939>

Shallow Water Depth Estimation with Geographically Weighted Regression Model Using Multispectral Satellite Imagery

DOI: 10.9734/ijecc/2025/v15i64869

Reviewers:

- (1) Y Umamaheswara Rao, National Centre for Coastal Research (NCCR), India.
- (2) Sandeep Yadav, Government Girls College, India.
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- (4) Hountondji Babilas, National Institute of Water and the Environment of the University of Abomey-Calavi, Benin.
- (5) Mazllum Kamberi, University of Prishtina "Hasan Prishtina", Republic of Kosova.
- (6) Sudheer Padikkal, KIITDC, India.

Complete Peer Review History: <https://pr.sdiarticle5.com/review-history/136913>

Living on the Edge: How Nigeria's Slum Dwellers are Both Victims and Drivers of Climate Change?

DOI: 10.9734/ijecc/2025/v15i64870

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- (1) Bárbara Polo-Martín, Universidad Autónoma de Madrid, Spain.
- (2) Hamid Ganjaeian, University of Tehran, Iran.
- (3) Prashant Khattri, University of Allahabad, India.

Complete Peer Review History: <https://pr.sdiarticle5.com/review-history/136334>

Nutrient Dynamics in the Coastal Waters Off Padubidri, Karnataka, West Coast of India

DOI: 10.9734/ijecc/2025/v15i64871

Reviewers:

- (1) Karri Rama Rao, Dr. V. S. Krishna Govt. Degree & PG College (A), India.
- (2) Md. Hashibul Islam, Bangladesh Oceanographic Research Institute, Bangladesh.

Additional Reviewers:

- (1) Alex Barakagira, Kyambogo University, Uganda.
- (2) Blessing C. Okogbue, Federal Polytechnic Ekowe, Nigeria.
- (3) Flyndon Mark S. Dagalea, University Of Eastern Philippines, Philippines.
- (4) HEKPAZO Romaric C. Marc, University of Abomey-Calavi, Benin Republic.
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- (6) Salisu Abubakar, Sheda Science and Technology Complex, Nigeria.

Complete Peer Review History: <https://pr.sdiarticle5.com/review-history/137215>

Environmental Toxicity and Bioaccumulation of Microplastics Derived from Petroplastics: A Cross-Ecosystem Review

DOI: 10.9734/ijecc/2025/v15i64872

Reviewers:

- (1) Faith Osabuohien, Ambrose Alli University, Nigeria.
- (2) Fariha Tahsin Mercy, RMIT University, Bangladesh.

Complete Peer Review History: <https://pr.sdiarticle5.com/review-history/136259>

Forecasting Yield of Winter Rice Using SMLR and ANN Techniques in Central Brahmaputra Valley Zone of Assam, India

DOI: 10.9734/ijecc/2025/v15i64873

Reviewers:

- (1) Shilpa Hudnurkar, Symbiosis Institute of Technology, India.
- (2) Kumudha H R, Bharathi College Post Graduate and Research Centre, India.

Additional Reviewers:

- (1) Ali Kamil Gumar, Oil Research and Development Center, Iraq.
- (2) Amit Biswas, Haldia Institute of Technology, India.

Complete Peer Review History: <https://pr.sdiarticle5.com/review-history/137076>

Enhancing Crop Sustainability through Climate-Resilient Agronomic Practices

DOI: 10.9734/ijecc/2025/v15i64874

Reviewers:

- (1) Abha Nutan Kujur, YBN University, India.
- (2) Olalekan Anthony Fatoki, Forestry Research Institute of Nigeria, Nigeria.

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(1) Indianraj N, PAJANCOA & RI, India.

Complete Peer Review History: <https://pr.sdiarticle5.com/review-history/136255>

The Role of Soil in Carbon Sequestration: Implications for Climate Change Mitigation

DOI: 10.9734/ijec/2025/v15i64875

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(1) Omkar Gupta, College of Agricultural Engineering & Technology, India.
(2) Kaushal Singh, Banda University of Agriculture and Technology, India.

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(1) Salam Himika Devi, Manipur University, India.
(2) Utkarsh Ghate, India.

Complete Peer Review History: <https://pr.sdiarticle5.com/review-history/136851>

Impact of Land Use Systems on Soil Chemical Properties in Semi-Arid Tropics of Western Maharashtra, India

DOI: 10.9734/ijec/2025/v15i64876

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(1) Chepkemai Janeth, University of Nairobi, Kenya.
(2) Seini, Aboh Samuel, Federal College of Horticulture, Nigeria.

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(1) Formeluh Abraham Toh, University of Buea, Cameroon.

Complete Peer Review History: <https://pr.sdiarticle5.com/review-history/136724>

Assessing Water Quality Variability Using Principal Component Analysis: A Study of Wells in Kerala, India

DOI: 10.9734/ijec/2025/v15i64877

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(1) Sudarshan.P, SDM College Ujire, India,
(2) Moutaz Al-Dabbas, College of Engineering- AlNaji University, Iraq.

Additional Reviewers:

(1) Darshna B. Joshi, Government Polytechnic Gandhinagar, India.

Complete Peer Review History: <https://pr.sdiarticle5.com/review-history/137138>

District-level Assessment of Climate Change Impacts on Rice Yield in Chhattisgarh using DSSAT Simulation Model

DOI: 10.9734/ijec/2025/v15i64878

Reviewers:

(1) Sathya Kannan, USA.
(2) Doan Thi Thu Ha, Southern Institute of Water Resources Research, Vietnam/
(3) Tran Thi Tam, Vietnam Institute of Meteorology, Vietnam.
(4) Yogesh Pandey, Sher-e-Kashmir University of Sciences and Technology of Kashmir, India.

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(1) S. Thirumal, Arignar anna government arts college, India.

Complete Peer Review History: <https://pr.sdiarticle5.com/review-history/137392>

Population Assessment of Economically Valuable Threatened Timber Species Distributed in Chhattisgarh Forest Divisions, India

DOI: 10.9734/ijec/2025/v15i64879

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(1) Prakash Chhetri, G.B. Pant National Institute of Himalayan, India.
(2) Anmol Negi, Forest Research Institute, India.

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Impact of Deforestation on the Expansion of Loranthaceae in Urban Forests: A Case Study of the Urban Area of Daloa, Center-West, Côte d'Ivoire

DOI: 10.9734/ijec/2025/v15i64880

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(1) Edagbo, David Enuwa, Nigeria.
(2) Şerife Nergis ÇELİK, Türkiye.

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Complete Peer Review History: <https://pr.sdiarticle5.com/review-history/136918>

Emerging Role of Hyperspectral Remote Sensing in Predictive Soil Health Monitoring Under Climate-Induced Stress Scenarios
DOI: 10.9734/ijecc/2025/v15i64881

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- (1) Karem Saad, University of Sfax, Tunisia.
- (2) Yogesh Shaniware, University of Horticultural Sciences, India.

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- (2) Narendra Narain Singh, India.
- (3) Yakubu Magaji Yuguda, Federal Polytechnic, Kaltungo, Nigeria.

Complete Peer Review History: <https://pr.sdiarticle5.com/review-history/137288>

Assessing Crop Water Status and Stress Response in Precision Agriculture: The Role of CCATD and CTD
DOI: 10.9734/ijecc/2025/v15i64882

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- (1) Josiane Pinheiro Farias, Federal University of Pelotas, Brazil.
- (2) Rajesh G M, Kumaraguru Institute of Agriculture, India.

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- (1) Nazmul Islam, Hajee Mohammad Danesh Science & Technology University, Bangladesh.

Complete Peer Review History: <https://pr.sdiarticle5.com/review-history/136858>

Assessment of Climate Change on Soil Erosion Using Geospatial Techniques: A Review
DOI: 10.9734/ijecc/2025/v15i64883

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- (1) Yudhi Lastiasih, Institute of Teknologi Sepuluh November Surabaya, Indonesia.
- (2) Driss EL Hachmi, Mohammed V University in Rabat, Morocco.

Complete Peer Review History: <https://pr.sdiarticle5.com/review-history/117461>

Evaluating the Water Purification Potential of Azadirachta indica (Neem): A Low-cost Solution for Microbial and Chemical Contaminant Reduction in Guyana
DOI: 10.9734/ijecc/2025/v15i64884

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- (1) Teba Saadi Hussein, Iraq.
- (2) Raju Potharaju, C.K.M Govt Arts & Science College, India.

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- (1) J. Priyanka, Avinashilingam Institute for Home Science and Higher Education for Women, India.
- (2) Noah Ewoti Olive Vivien, University of Yaoundé I, Cameroon.

Complete Peer Review History: <https://pr.sdiarticle5.com/review-history/137015>

Exploring the Link between Climate Change and Flood Risk: A Bibliometric Perspective
DOI: 10.9734/ijecc/2025/v15i64885

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- (1) Suraj Kalgonda Patil, India.
- (2) Atiqah Najwa Zainuddin, Universiti Teknologi Mara, Malaysia.

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- (4) Thiruvengadish a, I Sundaraju, University Malaya, Malaysia.

Complete Peer Review History: <https://pr.sdiarticle5.com/review-history/137691>

Impact of Environmental Factors on Blood Disorders in Animals
DOI: 10.9734/ijecc/2025/v15i64886

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- (1) ASHEERA BANU SANGLI, MES College of Arts Commerce and Science, India.
- (2) Matsyagandha Kishanrao Patil, MAFSU, India.

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- (1) Rajesh Sudhakar Wakchaure, Veterinary Polytechnic, Jagdalpur, India.

Complete Peer Review History: <https://pr.sdiarticle5.com/review-history/137196>

Risk Assessment of Consumption of Pah-Contaminated Papyrocranus Afer from Banegbe River
DOI: 10.9734/ijecc/2025/v15i64887

Reviewers:

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- (2) Anaero-Nweke, George Nnabugwu, Rivers State University, Nigeria.
- (3) Kouakou Benoit, National Polytechnic Institute Félix Houphouet-Boigny, Ivory Coast.

Complete Peer Review History: <https://pr.sdiarticle5.com/review-history/137297>

Effect of Sowing Dates and Irrigation Schedules on Yield Attributing Characters and Yield of Rabi Sorghum (Sorghum bicolor (L.) Moench)

DOI: 10.9734/ijecc/2025/v15i64888

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- (1) Amarendra Kumar, Bihar Agricultural University Sabour, India.
- (2) Kotb Amer Farghali Omran, Egypt.

Complete Peer Review History: <https://pr.sdiarticle5.com/review-history/109180>

Evaluation of Charcoal Policies Compliance in Benue State, Nigeria

DOI: 10.9734/ijecc/2025/v15i64889

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- (1) Oshireku Vincent Onivefu, Nigeria.
- (2) Okino Jasper, Makerere University, Uganda.

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Ecology of Soil-Dwelling Insects and their Influence on Crop Health: A Review

DOI: 10.9734/ijecc/2025/v15i64890

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- (1) Sitiesh Chatterjee, India.
- (2) Susan Fawzi Khadhem Al-sudani, Albayan university, Iraq.

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- (1) Wael F. A. Alshamary, Kirkuk University, Iraq.

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Comparative Analysis of Machine Learning Models in Prediction of Maximum Temperature in the Raichur City, India

DOI: 10.9734/ijecc/2025/v15i64891

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- (1) Shrabani Medhi, Girijananda Chowdhury University, India.
- (2) Lateiro Salvador de Sousa, Instituto Superior Politecnico de Gaza (ISPG), Mozambique.

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- (1) Amirah Hazwani Roslin, Universiti Malaysia Pahang Al-Sultan Abdullah, Malaysia.

Complete Peer Review History: <https://pr.sdiarticle5.com/review-history/137615>

Assessment of Crop Water Requirements of Nagarjuna Sagar Right Canal Command Area under Guntur District, Andhra Pradesh, India

DOI: 10.9734/ijecc/2025/v15i64892

Reviewers:

- (1) Vaibhav Godase, Solapur University, India.
- (2) Abhay Kumar Jha, Lakshmi Narain College Of Technology, India.

Complete Peer Review History: <https://pr.sdiarticle5.com/review-history/137656>

Design Flood Estimation of Swarnamukhi Barrage in Nellore District, Andhra Pradesh, India

DOI: 10.9734/ijecc/2025/v15i64893

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- (1) Farah Binte Shahid Urbi, Bangladesh.
- (2) Rajani Kant Awasthi, Sharda University, India.

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- (2) Harshil Patel, Gujarat University, India.

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India's Transition to Clean Energy: A Review of Current Contributions from Renewable Energy Sources
DOI: 10.9734/ijecc/2025/v15i64894

Reviewers:

- (1) Darlington Ekechukwu, United Kingdom.
- (2) Chijoke Agupugo, Appalachian State University, United States.
- (3) Moyeed Abrar, Khaja Bandanawaz University, India.

Complete Peer Review History: <https://pr.sdiarticle5.com/review-history/137401>

Trend Analysis of Rainfall in Ken Basin & Betwa Basin
DOI: 10.9734/ijecc/2025/v15i64895

Reviewers:

- (1) Fekadu Temesgen Tesfaye, Ethiopia.
- (2) Fahimeh Mokhtari, Isfahan University of Technology, Iran.

Complete Peer Review History: <https://pr.sdiarticle5.com/review-history/137812>

Evaluating Drinking Water Quality Standards and Technologies: A Comparative Analysis of Kenya, China and Germany
DOI: 10.9734/ijecc/2025/v15i64896

Reviewers:

- (1) Mukesh Singh Mewada, India.
- (2) Francis Olawale Abulude, Nigeria.

Complete Peer Review History: <https://pr.sdiarticle5.com/review-history/138245>

GIS-based Assessment of Groundwater Quality for Irrigation Water in Shahabad Block of Kurukshetra District, India
DOI: 10.9734/ijecc/2025/v15i64897

Reviewers:

- (1) Mykola Kovalov, Central Ukrainian National Technical University, Ukraine.
- (2) Djoudi Salima, Université Abbes Laghrour Khenchela, Algeria.

Additional Reviewers:

- (1) Kaouther Debabeche, Scientific and Technical Research Center on Arid Regions, Algeria.
- (2) Shahrzad Khatibi, Iran.

Complete Peer Review History: <https://pr.sdiarticle5.com/review-history/137626>

Superabsorbent Polymer Coating on Seeds: A Review
DOI: 10.9734/ijecc/2025/v15i64898

Reviewers:

- (1) Titus Kasimu, Machakos University, Kenya.
- (2) Khairunnisa Atiqah Mohamad Khalid, Malaysia.

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- (2) Richa Sharma, SHUATS, India.

Complete Peer Review History: <https://pr.sdiarticle5.com/review-history/137447>

Agronomic Adaptation Strategies and Economic Implications of Climate Change on Agriculture and Allied Sectors in the Northeastern Hill Regions of India
DOI: 10.9734/ijecc/2025/v15i64899

Reviewers:

- (1) Hiwa Rashid Ali, Iraq.
- (2) Nibedita Guru, India.

Additional Reviewers:

- (1) Hemareddy Thimmareddy, University of Agricultural Sciences, India.

Complete Peer Review History: <https://pr.sdiarticle5.com/review-history/138142>

Effect of different Rice Based Cropping System on Performance of Soil Health and other Indices in the Western Plain Zone of Meerut, India
DOI: 10.9734/ijecc/2025/v15i64900

Reviewers:

- (1) Dr. Shailesh Kumar Dewangan, Shri Sai Baba Aadarsh Mahavidyalaya, India.
- (2) El Fadel DERRADJI, BADJI MOKHTAR UNIVERSITY, ALGERIA.

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- (3) Toderas Mihaela, University of Petrosani, Romania.

Complete Peer Review History: <https://pr.sdiarticle5.com/review-history/138889>

Evaluating Farmers' Groundwater Conservation Constraints Using Quantitative Ranking Tools

DOI: 10.9734/ijecc/2025/v15i64901

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- (1) Cut Suciatina Silvia, University of Teuku Umar, Indonesia.
- (2) Duda B. Balas, Navsari Agricultural University, India.

Additional Reviewers:

- (1) Satrio Budi Prakoso, Ehime University, Japan.

Complete Peer Review History: <https://pr.sdiarticle5.com/review-history/138597>

Causes of Land Degradation in Uttar Pradesh, India: An Econometric Analysis

DOI: 10.9734/ijecc/2025/v15i64902

Reviewers:

- (1) Damte Balcha Gadana, Wolaita Sodo University, Ethiopia.
- (2) Tanmoy Mondal, Arunachal University of Studies, India.
- (3) K. Raghu Babu, Yogi Vemana University, India.

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- (1) K. Raghu Babu, Yogi Vemana University, India.
- (2) Ode Rosemary, National Teacher's Institute, Nigeria.

Complete Peer Review History: <https://pr.sdiarticle5.com/review-history/137368>

Assessment of Light Spectrum Effects on Lettuce Productivity under a Solar-integrated Hydroponic System

DOI: 10.9734/ijecc/2025/v15i64903

Reviewers:

- (1) Abdenour Belagrouz, National Higher School of Forestry (ENSF), Algeria.
- (2) Arun Kumar, Bihar Agricultural University, India.

Complete Peer Review History: <https://pr.sdiarticle5.com/review-history/136526>

Spatio-Temporal Dynamics of LULC in the Kolkata Metropolitan Area (2016–2024): Insights from Landsat and MODIS Geospatial Data

DOI: 10.9734/ijecc/2025/v15i64904

Reviewers:

- (1) Shyamal Borah, Cotton University, India.
- (2) Dr. Nantip Thomas Goselle, Igbinedion University, Nigeria.
- (3) Bello Umar Faruk, Ahmadu Bello University Zaria, Nigeria.

Complete Peer Review History: <https://pr.sdiarticle5.com/review-history/138350>

Climate-Driven Forecasting of Brown Planthopper in Rice Fields Using Hybrid Machine Learning and Time Series Models

DOI: 10.9734/ijecc/2025/v15i64905

Reviewers:

- (1) Dr. Sachin S Chinchorkar, Anand Agricultural University, India.
- (2) Nilesh Kumar Singh, Sam Higginbottom University of Agriculture, India.

Additional Reviewers:

- (1) Sachin S Chinchorkar, Anand Agricultural University, India.

Complete Peer Review History: <https://pr.sdiarticle5.com/review-history/138805>

Population Dynamics of *Helicoverpa armigera* and *Maruca vitrata* in Pigeon Pea: Interrelationship with Weather Parameters

DOI: 10.9734/ijecc/2025/v15i64906

Reviewers:

- (1) Akkabathula Nithish, SKLTGHU, India.
- (2) Jatin Kumar Singh, Govind Ballabh Pant University of Agriculture and Technology, India.

Complete Peer Review History: <https://pr.sdiarticle5.com/review-history/136777>

Altitudinal Variation in Floristic Composition and Phytosociology of Temperate Forests in Langate Forest Division of Kashmir Himalayas
DOI: 10.9734/ijecc/2025/v15i64907

Reviewers:

- (1) Hatil Hashim EL-Kamali, Sudan.
- (2) Kannan CS Warriar, Kerala Forest Research Institute, India.
- (3) Soukayna Boudik, Morocco.

Complete Peer Review History: <https://pr.sdiarticle5.com/review-history/138610>

Integrating Remote Sensing Techniques for the Assessment of Agricultural Suitability and Capability for Crop Cultivation in Bapatla District, Andhra Pradesh, India

DOI: 10.9734/ijecc/2025/v15i64908

Reviewers:

- (1) Shiv kumar Shivandu, India.
- (2) Anurag, India.

Additional Reviewers:

- (1) Ayodele Oduwole, Federal Polytechnic Ilaro, Nigeria.
- (2) K. Prabhu, Sree Sakthi Engineering College, Karamadai, India.

Complete Peer Review History: <https://pr.sdiarticle5.com/review-history/138941>

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Spatio-Temporal Dynamics of Spider Populations in Bt and Non-Bt Cotton Agroecosystems of South Gujarat, India: Influence of Biotic and Abiotic Factors

DOI: 10.9734/ijecc/2025/v15i74909

Reviewers:

- (1) Jalajakshi.S, Bengaluru City University, India.
- (2) Gyan Prakash Morya, Vital Biotech Research & Training Institute, India.
- (3) Archana Hemant Patil, Phule University, India.

Complete Peer Review History: <https://pr.sdiarticle5.com/review-history/138272>

A Review on Climate Change and Biodiversity: Impacts, Adaptations and Mitigation Strategies

DOI: 10.9734/ijecc/2025/v15i74910

Reviewers:

- (1) Ivan Lionel Novara, Rosario National University, Argentina.
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 - (2) Minh Thu Nguyen, Vietnam Institute of Meteorology Hydrology and Climate change, Vietnam.
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 - (4) Raquel Soares Casaes Nunes, UFRJ, Brazil.
 - (5) Rocio Cervantes Osornio, Mexico.
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Complete Peer Review History: <https://pr.sdiarticle5.com/review-history/136854>

Monsoonal Dynamics and Rainfall Extremes in Salem, Tamil Nadu, India: Insights from a Climate Variability Perspective

DOI: 10.9734/ijecc/2025/v15i74911

Reviewers:

- (1) Manu Raj Sharma, University Department of Geography, L N Mithila University, India.
- (2) Biruk Getaneh Ayele, Ethiopia.

Complete Peer Review History: <https://pr.sdiarticle5.com/review-history/138216>

Impacts of Climate Change and its Mitigation Strategies for Sustainable Agriculture

DOI: 10.9734/ijecc/2025/v15i74912

Reviewers:

- (1) Anurag Tewari, Pranveer Singh Institute of Technology, India.
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- (3) Sandiponi Tasha, Assam Agricultural University, India.

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Complete Peer Review History: <https://pr.sdiarticle5.com/review-history/139146>

Measuring Livelihood Vulnerability to Floods among Livestock Rearers Using a Composite Index in Odisha, India
DOI: 10.9734/ijecc/2025/v15i74913

Reviewers:

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Complete Peer Review History: <https://pr.sdiarticle5.com/review-history/138681>

A Review of Standard and Advanced Water Treatment Methods for Safe Drinking Water
DOI: 10.9734/ijecc/2025/v15i74914

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- (4) Olawale, Sunday Asabi, Osun State College Of Health Technology, Nigeria.
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- (6) Usman Muhammad Tukur, Central South University, China.

Complete Peer Review History: <https://pr.sdiarticle5.com/review-history/139504>

Temporal Analysis of Evaporation Trends and their Magnitude in Ambedkar Nagar District, India
DOI: 10.9734/ijecc/2025/v15i74915

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Influence of Weather Parameters on Helicoverpa armigera Monitoring Using Pheromone and Light Traps in Sunflower Ecosystem
DOI: 10.9734/ijecc/2025/v15i74916

Reviewers:

- (1) Akhileshwar Vishwakarma, National Research Centre For Makhana, India.
- (2) Seema Tripathy, Sri Sri University, India.
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- (2) P. Sunitha, Dr.YSR Horticultural University, India.

Complete Peer Review History: <https://pr.sdiarticle5.com/review-history/138953>

Role of Permaculture in Achieving Sustainability in Modern Horticultural Practices
DOI: 10.9734/ijecc/2025/v15i74917

Reviewers:

- (1) Kiran Kotyal, India.
- (2) Abdiaziz Hassan Nur, Bangladesh.

Additional Reviewers:

- (1) Akshay Kumar Yogi, International Crops Research Institute for the Semi-Arid Tropics, India.
- (2) Kabi Subedi, Institute of Agriculture and Animal Science, Tribhuvan University, Nepal.

Complete Peer Review History: <https://pr.sdiarticle5.com/review-history/138470>

National Greening Program in the Philippines: A Thematic Review of Policy Frameworks, Implementation Practices and Measured Outcomes
DOI: 10.9734/ijecc/2025/v15i74918

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- (1) Mohamed Khalfan Mohamed, Tanzania.
- (2) Manish Kumar Vijay, India.

Additional Reviewers:

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- (2) M.C. Santiago Ruiz Ramirez, National Institute of Forestry, Agricultural and Livestock Research (INIFAP, acronym in Spanish), México.
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Complete Peer Review History: <https://pr.sdiarticle5.com/review-history/139217>

Conjoint Effect of Organic and Inorganic Amendments on Yield, Yield Contributing Characters, Quality, Soil Nutrient and Nutrient Uptake in Garlic (*Allium sativum* L.)

DOI: 10.9734/ijec/2025/v15i74919

Reviewers:

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- (2) Savan Tank, Bhakta Kavi Narsinh Mehta University, India.

Complete Peer Review History: <https://pr.sdiarticle5.com/review-history/137165>

The Effects of Different Rice-Wheat Cropping System on Crop Productivity and Soil Fertility

DOI: 10.9734/ijec/2025/v15i74920

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- (4) Kuku Setiawan, University Of Lampung, Indonesia.
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Complete Peer Review History: <https://pr.sdiarticle5.com/review-history/139102>

Analyzing the Accuracy of Medium Range Weather Forecasts: A Case Study from Vellayani, Kerala, India

DOI: 10.9734/ijec/2025/v15i74921

Reviewers:

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Complete Peer Review History: <https://pr.sdiarticle5.com/review-history/137603>

Climatic Controls of Marigold: Effect of Temperature and Rainfall on Growth and Yield of Marigold

DOI: 10.9734/ijec/2025/v15i74922

Reviewers:

- (1) Joydeb Gomasta, Gazipur Agricultural University, Bangladesh.
- (2) Krishna Prasad Sapkota, University of California, USA.

Complete Peer Review History: <https://pr.sdiarticle5.com/review-history/137989>

Soil Physicochemical Properties and Rhizosphere Biota of Sorghum as Influenced by Rice Crop Residue Management Techniques and Nitrogen Levels

DOI: 10.9734/ijec/2025/v15i74923

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- (1) Oluwaseun A. Akinyele, Nigeria.
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Complete Peer Review History: <https://pr.sdiarticle5.com/review-history/139562>

Proximate Composition and Water Use Efficiency of Hydroponically Grown Fodder Crops under Dryland Conditions for Climate Change Mitigation

DOI: 10.9734/ijecc/2025/v15i74924

Reviewers:

- (1) Ravi Verma, Lovely Professional University, India.
- (2) Kirti Pandya, Gujarat University, India.

Complete Peer Review History: <https://pr.sdiarticle5.com/review-history/139175>

Understanding Youth's Action in Mitigation and Adaptation to Climate Change: A Case Study of Kamrup, Assam, India

DOI: 10.9734/ijecc/2025/v15i74925

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- (1) Simon Stephen Mshelia, Nigeria.
- (2) Ramesha C, Mahatma Gandhi Institute of Rural Energy Development, India.
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- (4) Salisu Lawal Halliru, Yusuf Maitama Sule Federal University, Nigeria.
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Complete Peer Review History: <https://pr.sdiarticle5.com/review-history/139071>

The study on Bio-Mass: A Great Source of Non-fossil Energy and its Contribution in Reducing Greenhouse Gases

DOI: 10.9734/ijecc/2025/v15i74926

Reviewers:

- (1) Handoko Subawi, M.T., Indonesia.
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Additional Reviewers:

- (1) Nawaz A. Kureshi, Government Engineering College, India.

Complete Peer Review History: <https://pr.sdiarticle5.com/review-history/139365>

Environmental Sustainability and Steel Manufacturing Industries of Odisha, India

DOI: 10.9734/ijecc/2025/v15i74927

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- (2) Vivek Gupta, India.

Additional Reviewers:

- (1) Papadatu Carmen-Penelopi, "Dunarea de Jos" University from Galati, Romania.

Complete Peer Review History: <https://pr.sdiarticle5.com/review-history/139353>

Artificial Intelligence-driven Optimization of Nature-based Carbon Sequestration: A Scalable Architecture for Urban Climate Resilience

DOI: 10.9734/ijecc/2025/v15i74928

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- (1) Omprakash Sahu, Sambalpur University, India.
- (2) Divyanshi Sharma, India.
- (3) Samuel Bangura, Durban University of Technology, South Africa.

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- (1) Jovany Gleen L. Allawan, University of Mindanao-Panabo College, Philippines.

Complete Peer Review History: <https://pr.sdiarticle5.com/review-history/139764>

Legumes: Breeding Strategies and Adaptive Traits for Drought Tolerance

DOI: 10.9734/ijecc/2025/v15i74929

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- (1) Kesego Makholwa, Botswana University of Agriculture and Natural Resources, Botswana.
- (2) Santosh Kumar Bishnoi, ICAR-Indian Institute of Wheat and Barley Research, India.

Complete Peer Review History: <https://pr.sdiarticle5.com/review-history/138865>

Microbial Communities in Rice: Their Role in Nutrient Dynamics and Yield Enhancement
DOI: 10.9734/ijecc/2025/v15i74930

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- (3) Sunil Balu Avhad, University of Mumbai, India.

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- (1) Amira Mohammed-Roshdy Ibrahim Ibrahim Asar, Egypt.

Complete Peer Review History: <https://pr.sdiarticle5.com/review-history/139251>

Comparative Study on Seasonal Zooplankton Diversity in Two Urban Reservoirs of Warangal District, Telangana, India
DOI: 10.9734/ijecc/2025/v15i74931

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- (1) AbdAllah Tharwat Abdelkhalik, Egypt.
- (2) Punit Saraswat, India.
- (3) Rodica David, Romania.

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- (1) Elouahli Allaa, Scientific Institute, Mohammed V University in Rabat, Morocco.

Complete Peer Review History: <https://pr.sdiarticle5.com/review-history/139593>

Impacts of Drip Fertigation Levels on Asiatic Lily Performance Under Field Conditions in a Non-Traditional Indian Region
DOI: 10.9734/ijecc/2025/v15i74932

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- (1) Ismail Tas, Turkey.
- (2) Kareem, Mariam Olamide, United States.

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Complete Peer Review History: <https://pr.sdiarticle5.com/review-history/139107>

Climatic Signals of Drying in a Himalayan Watershed: A Multi-grid Precipitation Analysis of Bhilangana River Basin
DOI: 10.9734/ijecc/2025/v15i74934

Reviewers:

- (1) N. J. Sathe, India.
- (2) John Adekunle Adesina, Nanjing Forestry University, China.

Complete Peer Review History: <https://pr.sdiarticle5.com/review-history/139661>

Optimizing Land Use, Yield and Profitability Through Early Summer Intercropping in Sugarcane in Northern Telangana, India
DOI: 10.9734/ijecc/2025/v15i74935

Reviewers:

- (1) Munmun Priyadarshini, Central Agricultural University, Imphal, India.
- (2) Ukaoha Christiana Amarachi, University of Florida, United State.

Complete Peer Review History: <https://pr.sdiarticle5.com/review-history/139547>

A Review of Remote Sensing and GIS in Agronomic Decision-Making
DOI: 10.9734/ijecc/2025/v15i74936

Reviewers:

- (1) Gorasiya Chirag Amrishbhai, Junagadh Agricultural University, India.
- (2) G. Jeyaram, India.

Additional Reviewers:

- (1) P. S. Satheesh Kumar, NPR College of Engineering and Technology, (Affiliated to Anna University), India.

Complete Peer Review History: <https://pr.sdiarticle5.com/review-history/140107>

Vegetable Grafting: A Horticultural Tool for Mitigating Abiotic Stresses in Vegetable Crops under a Changing Climate
DOI: 10.9734/ijecc/2025/v15i74937

Reviewers:

- (1) Shivani Kumari, RPCAU India.
- (2) Harsh S. Hathi, Marwadi University, India.

Complete Peer Review History: <https://pr.sdiarticle5.com/review-history/138337>

Performance Evaluation of Dwarfing Rootstock under Open Field and Protected Structure in Cold Arid Region of Ladakh
DOI: 10.9734/ijec/2025/v15i74938

Reviewers:

- (1) Mikail Maharramov, Lankaran State University, Azerbaijan Republic.
- (2) Deven Verma, Lovely Professional University, Bharat.

Complete Peer Review History: <https://pr.sdiarticle5.com/review-history/139788>

Growth Performance of Teak at Different Planting Densities
DOI: 10.9734/ijec/2025/v15i74939

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- (2) Dhiraj Kumar Yadav, India.
- (3) Suruchi Kumari, India.

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Artificial Intelligence-Driven Smart Waste-to-Energy Networks for Climate-Resilient Circular Resource Management in Vulnerable Megacities
DOI: 10.9734/ijec/2025/v15i74940

Reviewers:

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Complete Peer Review History: <https://pr.sdiarticle5.com/review-history/140414>

Assessment of Wetland Ecosystem Services using RAWES Approach: A Case Study of Raipur, Chhattisgarh, India
DOI: 10.9734/ijec/2025/v15i74941

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Complete Peer Review History: <https://pr.sdiarticle5.com/review-history/140094>

Stability and Seasonal Performance of Fruit Yield traits in Elite Mulberry (Morus spp.) Genotypes
DOI: 10.9734/ijec/2025/v15i74942

Reviewers:

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- (2) Ricardo Scheffer De Andrade Silva, Brazil.

Complete Peer Review History: <https://pr.sdiarticle5.com/review-history/140351>

Geological Influence on Stream Sediments Geochemistry from Precambrian Terrains of Uruguay
DOI: 10.9734/ijec/2025/v15i74943

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- (2) Hernani Aquini Fernandes Chaves, UERJ – State University of Rio de Janeiro, Brazil.

Complete Peer Review History: <https://pr.sdiarticle5.com/review-history/140234>

The Efficiency of Antitranspirants in the Enhancement of the Physiology of Brassica napus L. under Different Water Stress Levels
DOI: 10.9734/ijec/2025/v15i74944

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- (1) Ajayakumar, India.
- (2) Asmaa Mansour Al-Hakeem, Al-Karkh University of Science, Iraq.

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Adoption of Sustainable Tableware: Demographic Insights and Consumer Perception toward Agrowaste-Based Alternatives
DOI: 10.9734/ijec/2025/v15i74945

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Complete Peer Review History: <https://pr.sdiarticle5.com/review-history/140588>

Yield, Nutrient Uptake and Economics of Aerobic Rice under Different Irrigation Regimes and Cultivars
DOI: 10.9734/ijec/2025/v15i74946

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- (1) Tsegahun Dache Dana, Ethiopia.
- (2) Khin Khin Mu, Myanmar.

Additional Reviewers:

- (1) K. Sathish Babu, Acharya N.G. Ranga Agricultural University, India.

Complete Peer Review History: <https://pr.sdiarticle5.com/review-history/139632>

Study of Plants Community and Their Economic Importance Present in the Vikrant University Gwalior Campus, Madhya Pradesh, India
DOI: 10.9734/ijec/2025/v15i74947

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- (1) Mahesh Lokhande, India.
- (2) Sanjeet Kumar, India.

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Complete Peer Review History: <https://pr.sdiarticle5.com/review-history/140194>

Effect of Vermicompost on Yield and Yield Attributing Characteristic of Indian Mustard (Brassica juncea L.)
DOI: 10.9734/ijec/2025/v15i74948

Reviewers:

- (1) Mohammed Saba, Saudi Arabia.
- (2) Rahul Kumar, Birsa Agricultural University, India.

Complete Peer Review History: <https://pr.sdiarticle5.com/review-history/140751>

From Policy to Fields: How NICRA is Transforming Climate-resilient Agriculture in Darrang, Assam, India
DOI: 10.9734/ijec/2025/v15i74949

Reviewers:

- (1) Kazy Mohammad Iqbal Hossain, Bangladesh.
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- (4) Josna James, Chinmaya Vishwa Vidyapeeth, India.
- (5) Subhjit Pal, Indian Institute of Technology Jodhpur, India.
- (6) Tambe Raju Vitthalrao, Pravara Rural Engineering College Loni University- SPPU, India.
- (7) Dr. Viralbhai Ashvinbhai Prajapati, Sree Swaminarayan Sanskar Pharmacy College, GTU, India.

Complete Peer Review History: <https://pr.sdiarticle5.com/review-history/137272>

Adoption of Climate Resilient Technologies under NICRA in South Western Part of Rajasthan, India
DOI: 10.9734/ijecc/2025/v15i84950

Reviewers:

- (1) Konda Sreenivas Reddy, ICAR-CRIDA, India.
- (2) Bidyut Pritom Gogoi, ICAR-National Dairy Research Institute, Karnal, Haryana, India.
- (3) Durgesh Nandhini TSK, Madurai Kamaraj University, India.

Complete Peer Review History: <https://pr.sdiarticle5.com/review-history/124927>

Climate Change Perceptions and Constraints Faced by Dairy Farmers in Drought Prone Areas of Tamil Nadu, India
DOI: 10.9734/ijecc/2025/v15i84951

Reviewers:

- (1) Gaurab Luitel, Tribhuvan University, Nepal.
- (2) Mahesh B Tengli, India.

Additional Reviewers:

- (1) F. A. Samiul Islam, Uttara University, Bangladesh.
- (2) M. Sampath, PSG College of Arts & Science, India.
- (3) V. Guhan, India.

Complete Peer Review History: <https://pr.sdiarticle5.com/review-history/140282>

Vulnerability of Climate Change on Livelihood of Tribals
DOI: 10.9734/ijecc/2025/v15i84952

Reviewers:

- (1) Pratim Chatterjee, Amity University, India.
- (2) Christiana Ovie Akpoduado, Nigeria.
- (3) Gyan Prakash Morya, India.

Complete Peer Review History: <https://pr.sdiarticle5.com/review-history/140248>

Spatiotemporal Hydroclimate Anomalies in Bhubaneswar City, India (2000–2024): Using GIS and Python
DOI: 10.9734/ijecc/2025/v15i84953

Reviewers:

- (1) R. Abdul Vahith, Bharathidasan University Or Jamal Mohamed College, India.
- (2) Tasfaye Fayera Abdeta, Wallaga University, Ethiopia.
- (3) Ranojit Kumar Dutta, City University, Bangladesh.

Complete Peer Review History: <https://pr.sdiarticle5.com/review-history/140782>

Urbanization and Land Use Change Impact on Climate: A Case Study of Owerri West, Nigeria
DOI: 10.9734/ijecc/2025/v15i84954

Reviewers:

- (1) Mir Sajad Ahmad, University of Kashmir, Jammu & Kashmir.
- (2) Shaina Beegam N, Karunya Institute of Technology and Sciences, India.

Complete Peer Review History: <https://pr.sdiarticle5.com/review-history/130721>

Impact of Climate Change on Potential Evapotranspiration in Bawal and Karnal Districts of Haryana, India: A Spatio-temporal Analysis
DOI: 10.9734/ijecc/2025/v15i84955

Reviewers:

- (1) Abdulrezzak Alivi, Kirikkale University, Turkey.
- (2) I.G. Zurbenko, University at Albany, US.
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- (2) Nabeel Ali Khan, Paksitan.

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Comparative Analysis of Stationary and Non-stationary Rainfall Intensity-Duration-Frequency Using GEV Models for Abakaliki, Ebonyi State, Nigeria
DOI: 10.9734/ijecc/2025/v15i84956

Reviewers:

- (1) Hassane Bassirou, Nigera.
- (2) Amaefula Chibuzo G, Nigeria.

Complete Peer Review History: <https://pr.sdiarticle5.com/review-history/140441>

Integrating Urban Green Spaces in Settlement Upgrading: A Systematic Review from Sub-Saharan Africa
DOI: 10.9734/ijec/2025/v15i84957

Reviewers:

- (1) Ugochukwu Udonna, Okonkwo, Southern Illinois University Edwardsville, United States.
- (2) Ouzir, University of Msila, Algeria.

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- (1) Gokul Kailash, School of planning and architecture Vijayawada, India.

Complete Peer Review History: <https://pr.sdiarticle5.com/review-history/140571>

A Study on Distribution and Diversity of major Non-wood Forest Produce (NWFP) Species in Sal & Teak Dominated Forests of Madhya Pradesh in Central India

DOI: 10.9734/ijec/2025/v15i84958

Reviewers:

- (1) Hj. Mustafa Bin Dakian, SKC Education Sdn Bhd/UNIRAZAK, Malaysia.
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Complete Peer Review History: <https://pr.sdiarticle5.com/review-history/143329>

Himalayan Climate Change, Challenges and Adaptations: A Review
DOI: 10.9734/ijecc/2025/v15i95004

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Adsorption of Lead, Chromium and Copper from Aqueous Phase Using Orange Peels as Low-Cost Adsorbent
DOI: 10.9734/ijecc/2025/v15i95005

Reviewers:

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Adaptation to Soil Salinization in Lower Casamance, Senegal: A Socio-Demographic Perspective
DOI: 10.9734/ijecc/2025/v15i95006

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- (1) Md. Saifur Rahman, Patuakhali Science and Technology University, Bangladesh.
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A Review on Urban Green Space Ecological and Socioeconomic Benefits: A Comprehensive Analysis
DOI: 10.9734/ijecc/2025/v15i95007

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- (2) Olha Zibtseva, Ukraine.
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Complete Peer Review History: <https://pr.sdiarticle5.com/review-history/142984>

Radiation Use Efficiency of Wheat (*Triticum aestivum* L.) under Various Environmental Conditions in Middle Gujarat Argo-Climatic Region
DOI: 10.9734/ijecc/2025/v15i95008

Reviewers:

- (1) Praveen Kumar Chachaiya, Agriculture University, India.
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Complete Peer Review History: <https://pr.sdiarticle5.com/review-history/143084>

Assessing the Condition of Web-based Waste Bank Information Management System in Padang City, Indonesia
DOI: 10.9734/ijec/2025/v15i95009

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Optimizing Carbon Sequestration: The Role of Coconut Palm in Agroforestry
DOI: 10.9734/ijec/2025/v15i95010

Reviewers:

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Complete Peer Review History: <https://pr.sdiarticle5.com/review-history/143518>

Landslide Susceptibility Mapping Using Weighted Overlay Analysis
DOI: 10.9734/ijec/2025/v15i95011

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Preliminary Evaluation of Genotype x Environment Interaction in Selected Silkworm Hybrids under Sub Temperate Conditions
DOI: 10.9734/ijec/2025/v15i95012

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- (2) Mohite Prajakta Anil, Sher e Kashmir University of Agricultural, India.

Complete Peer Review History: <https://pr.sdiarticle5.com/review-history/141949>

Geo-Accumulation Concentration of Heavy Metals and Its Implications on The Rural Livelihoods of Farmers in Ijesaland, Nigeria
DOI: 10.9734/ijec/2025/v15i95013

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Climate Change and Livelihood: Uncovering the Vulnerability of Farmers in Jaipur and Udaipur Districts of Rajasthan, India
DOI: 10.9734/ijec/2025/v15i95014

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Complete Peer Review History: <https://pr.sdiarticle5.com/review-history/143124>

Climate Variability and its Effects on Green Gram Yield in Nalanda, Bihar, India
DOI: 10.9734/ijec/2025/v15i95015

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Complete Peer Review History: <https://pr.sdiarticle5.com/review-history/143388>

Assessment of Biomass and Carbon Sequestration Potential in Diverse Forest Types of the Sirsi Forest Range
DOI: 10.9734/ijecc/2025/v15i95016

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Complete Peer Review History: <https://pr.sdiarticle5.com/review-history/143539>

The Changing Climate and Its Impact on Livelihood in India
DOI: 10.9734/ijecc/2025/v15i95017

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Complete Peer Review History: <https://pr.sdiarticle5.com/review-history/142939>

Rainfall Variability in Gujarat (1990-2022): A Climatological Analysis of Trends, Extreme Events and Sectoral Implications
DOI: 10.9734/ijecc/2025/v15i95018

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- (1) Arijit De, KPR Institute of Engineering and Technology, India.
- (2) Gezahegn Mergia Tullu, Ethiopian Meteorological Institute (EMI), Ethiopia.

Complete Peer Review History: <https://pr.sdiarticle5.com/review-history/143171>

Impact Assessment of Endogenous Land Restoration Techniques in the Sahel Using a Counterfactual Model: Case of the Urban Commune of Tagazar, Tillabéri, Southwest of Niger
DOI: 10.9734/ijecc/2025/v15i95019

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Comparative Analysis of Morphological Traits of Dalbergia sissoo in Forested and Non-forested Areas of Bilaspur, Chhattisgarh, India
DOI: 10.9734/ijecc/2025/v15i95020

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Complete Peer Review History: <https://pr.sdiarticle5.com/review-history/142760>

Smart Aquaculture Technology: Building Climate Resilience and Food Security in the Agrifood Supply Chain
DOI: 10.9734/ijecc/2025/v15i95021

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Complete Peer Review History: <https://pr.sdiarticle5.com/review-history/143646>

Rainfall Characterization in Different Blocks in Mahasamund District of Chhattisgarh
DOI: 10.9734/ijec/2025/v15i95022

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Complete Peer Review History: <https://pr.sdiarticle5.com/review-history/143900>

Statistical Modelling and Best-Fit Distribution Analysis of Annual Rainfall in the Bundelkhand Region, Madhya Pradesh, India
DOI: 10.9734/ijec/2025/v15i95023

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Complete Peer Review History: <https://pr.sdiarticle5.com/review-history/143473>

Development of Weather-based Yield Prediction Model for Ginger (*Zingiber officinale*) Using Principal Component Analysis
DOI: 10.9734/ijec/2025/v15i95024

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Complete Peer Review History: <https://pr.sdiarticle5.com/review-history/143429>

Water Resource Budgeting in the Narayanpur Left Bank Canal Command Area of the Upper Krishna Project, Karnataka, India: A Natural Resource Economics Perspective
DOI: 10.9734/ijec/2025/v15i95025

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Complete Peer Review History: <https://pr.sdiarticle5.com/review-history/143690>

Study of Thermal Requirement and Impact of Climate Change on Wheat (*Triticum aestivum* L.) in Middle Gujarat, India
DOI: 10.9734/ijec/2025/v15i95026

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- (1) Gayathri J, Anna University, India.
- (2) D Jayanarayana Reddy, Jawaharlal Nehru Technological University, India.

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Complete Peer Review History: <https://pr.sdiarticle5.com/review-history/143068>

Modelling the Effect of Environmental Conditions on Wheat Yield in Gujarat Using APSIM-Wheat Model
DOI: 10.9734/ijec/2025/v15i95027

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- (1) Nasasira Jossy, King Ceasor University, Uganda.
- (2) ADEBAYO, Motunrayo Adetola, Federal College of Agriculture, Nigeria.

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- (2) Muhammad Zulkiffal, Ayub Agricultural Research Institute, Pakistan.

Complete Peer Review History: <https://pr.sdiarticle5.com/review-history/142823>

Influence of Weather Parameters on Sugarcane Wilt (*Fusarium sacchari*) Disease under Field Conditions
DOI: 10.9734/ijecc/2025/v15i95028

Reviewers:

- (1) Meraim Attyah Kazaal, Al-Furat Al- Awsat Technical University, Iraq.
- (2) Adama SIRIMA, Higher Institute of Agronomy and Veterinaty of Faranah (ISAV-F), Republic of Guinea.
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Complete Peer Review History: <https://pr.sdiarticle5.com/review-history/144025>

Geospatial Insights into Hazard Vulnerabilities: Exploring the Interplay of Hazards and Societal Vulnerability in Damaturu Town, Yobe State, Nigeria

DOI: 10.9734/ijecc/2025/v15i95029

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Complete Peer Review History: <https://pr.sdiarticle5.com/review-history/143932>

Wheat Yield Prediction Based on Regression Model for Prayagraj Region, Uttar Pradesh, India

DOI: 10.9734/ijecc/2025/v15i95030

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Complete Peer Review History: <https://pr.sdiarticle5.com/review-history/143604>

Geospatial Analysis of the Effect of Urbanization on Land Surface Temperature of Akure Metropolitan Area in Ondo State, Nigeria

DOI: 10.9734/ijecc/2025/v15i95031

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Complete Peer Review History: <https://pr.sdiarticle5.com/review-history/143694>

Spatio-Temporal Controls on the Hydrochemistry of Drass River Water in the Semi-arid Region of Ladakh, India

DOI: 10.9734/ijecc/2025/v15i95032

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Green Banking Practices in Operations and Lending Activities, Carbon Emission Reduction: Evidence from Commercial Banks in Nairobi City County, Kenya

DOI: 10.9734/ijecc/2025/v15i95033

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Complete Peer Review History: <https://pr.sdiarticle5.com/review-history/144134>

Effect of Weather Variables on the Temporal Dynamics of Fall Armyworm (*Spodoptera frugiperda*) in Maize in the Kymore Plateau in Central India

DOI: 10.9734/ijecc/2025/v15i95034

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Complete Peer Review History: <https://pr.sdiarticle5.com/review-history/144243>

Impact of Climate Variability on Hydroelectric Power Generation: The Case of the Buyo Dam, Western Côte d'Ivoire

DOI: 10.9734/ijecc/2025/v15i95035

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Complete Peer Review History: <https://pr.sdiarticle5.com/review-history/143599>

Long-Term Influence of Fertilizer and Manure Application on Soil Physical Health and Rice Productivity

DOI: 10.9734/ijecc/2025/v15i95036

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- (1) Amir Bahrami, Tarbiat Modares University, Iran.

Complete Peer Review History: <https://pr.sdiarticle5.com/review-history/144375>

Effect of Heavy Metal Stress on Seed Germination and Relative Water Content in Tomato Genotypes

DOI: 10.9734/ijecc/2025/v15i95037

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- (2) Abdul Basit, Govt. Graduate College, Pakistan.

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Succession of Major Insect Pests and their Natural Enemies on Soybean in Malwa Region of Madhya Pradesh, India

DOI: 10.9734/ijecc/2025/v15i95038

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- (2) R. A. Balikai, University of Agricultural Sciences, India.

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Role of Sericulture in Agroforestry Systems for Improving Soil Health, Biodiversity and Resource Efficiency

DOI: 10.9734/ijecc/2025/v15i95039

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- (1) Prachi Ugle, University College of London, India.
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DOI: 10.9734/ijecc/2025/v15i105040

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Complete Peer Review History: <https://pr.sdiarticle5.com/review-history/141677>

Climate Change and Dengue Dynamics in South Indian States: A Decade of Evidence (2013–2022)

DOI: 10.9734/ijecc/2025/v15i105041

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(2) Abhishek Lachyan, Safdarjung Hospital, India.

Complete Peer Review History: <https://pr.sdiarticle5.com/review-history/144374>

Geochemical Barriers and Mineral Precipitation for Groundwater Remediation: Advances in Natural and Engineered Systems

DOI: 10.9734/ijecc/2025/v15i105042

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(1) Trilochan Swain, Fakir Mohan University, India.

(2) Darshna B. Joshi, Government Polytechnic Gandhinagar, India.

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Complete Peer Review History: <https://pr.sdiarticle5.com/review-history/144174>

Biochar Production, Activation and Characterization Methods/Techniques: An Integrated Review

DOI: 10.9734/ijecc/2025/v15i105043

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Complete Peer Review History: <https://pr.sdiarticle5.com/review-history/142762>

Bamboo as a Resource for Holistic Health, Nutrition, Beauty and Climate Change Mitigation

DOI: 10.9734/ijecc/2025/v15i105044

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Complete Peer Review History: <https://pr.sdiarticle5.com/review-history/144820>

A Review on Insect Frass: Nature's Hidden Treasure for Soil Fertility

DOI: 10.9734/ijecc/2025/v15i105045

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Complete Peer Review History: <https://pr.sdiarticle5.com/review-history/144700>

Impact of Climate Change on Vaccines and Cold Chain Management: A Public Health Perspective from the South-East Asia Region
DOI: 10.9734/ijec/2025/v15i105046

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Complete Peer Review History: <https://pr.sdiarticle5.com/review-history/144791>

Impact of NICRA Interventions on Psycho-Social Dimensions of Women Empowerment in Murshidabad, West Bengal, India
DOI: 10.9734/ijec/2025/v15i105047

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- (1) Buggavarapu VSS Subbarao, KCT Business School, India.
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Complete Peer Review History: <https://pr.sdiarticle5.com/review-history/143879>

Anthropogenic Pollution and Its Impact on Silkworm Health and Silk Production
DOI: 10.9734/ijec/2025/v15i105048

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- (2) Dalia Mamdouh Mabrouk, National Research Centre, Egypt.

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Complete Peer Review History: <https://pr.sdiarticle5.com/review-history/144541>

Biocooling and the Role of Shade Trees in Climate Adaptation: The History, Challenges and Future of Shade Trees in Zanzibar Urban Municipality
DOI: 10.9734/ijec/2025/v15i105049

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Assessment of Blue and Green Water Footprint of Rice Crop for Prayagraj Region
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Assessment of Curacron Toxicity on Liver PUFAs Profile and Histology in a Major Carp, *Cirrhinus mrigala*
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Identification of Rice Cropping Season and High-Resolution Area Estimation in Major Rice Tracts of Kerala Using Sentinel-1 SAR and Sentinel-2 Optical Imageries
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Hydrogeological Parameters Significantly Affecting the Productivity of Boreholes in the Bedrock Aquifer of the Bounkani Region, Northeastern Côte d'Ivoire
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Seasonal Incidence of Sucking Insect Pests of Cluster Bean, *Cyamopsis tetragonoloba* (L.) Taub. and Their Relationship with Abiotic Variables
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Comparative Evaluation of GIS-RFR and GIS-AHP Approaches for Flood Susceptibility Mapping: Methodological Insights and Climate Resilience Implications

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Evaluation of DSSAT CROPGRO Model on Growth and Yield of Pigeonpea Cultivars under Different Sowing Windows

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DOI: 10.9734/ijec/2025/v15i115090

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Complete Peer Review History: <https://pr.sdiarticle5.com/review-history/147245>

Diversity Analysis of Drosophila (Diptera: Drosophilidae) around Sikkim Alpine University, South Sikkim, India

DOI: 10.9734/ijecc/2025/v15i115096

Reviewers:

(1) Nageswara Rao Amanchi, Osmania University, India.
(2) B N Singh, Banaras Hindu University, India.
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Additional Reviewers:

(1) Gagan Singh Guru, Government Digvijay Autonomous Postgraduate College, India.
(2) Ravi Kumar Rajak, Sardar Patel University, India.

Complete Peer Review History: <https://pr.sdiarticle5.com/review-history/147128>

Weather Disease Interactions and Forewarning Models for Leaf Spot of Groundnut (Arachis hypogaea L.) under different Varieties and Sowing Windows

DOI: 10.9734/ijecc/2025/v15i115097

Reviewers:

(1) Narendra Kumar, ICAR- Indian Institute of Groundnut Research, Regional Research Station, India.
(2) Aruna Pavate, University of Mumbai, India.

Complete Peer Review History: <https://pr.sdiarticle5.com/review-history/144176>

Assessing the Impact of Climate Change on Agricultural Yield in Benin: Trends, Vulnerabilities and Adaptation Strategies

DOI: 10.9734/ijecc/2025/v15i115098

Reviewers:

(1) Tamanna Begam, DBS PG College Kanpur, India.
(2) Reza Eddin Owfi, Gorgan University of Agricultural Sciences and Natural Resources, Iran.
(3) Pompy Malakar, Assam Agricultural University, India.

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(3) Rajashree Khatua, Odisha University of Agriculture and Technology, India.
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Complete Peer Review History: <https://pr.sdiarticle5.com/review-history/146512>

Long-Term Assessment of Meteorological Drought Pattern and Rainfall Variability in Solapur District, Maharashtra, India
DOI: 10.9734/ijec/2025/v15i115099

Reviewers:

- (1) Seyma Merve Kaymaz Muhling, China.
- (2) Meghana Nishchal, Ranchi University, India.
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- (1) Jibril Ibrahim, Niger State College of Agriculture, Nigeria.

Complete Peer Review History: <https://pr.sdiarticle5.com/review-history/147017>

Ear Related Traits in Wheat Genotypes under Terminal Heat Stress
DOI: 10.9734/ijec/2025/v15i115100

Reviewers:

- (1) Suman Ghimire, Nepal Polytechnic Institute, Nepal.
- (2) Shailesh Kumar, Dr. Rajendra Prasad Central Agricultural University, India.
- (3) Shambhoo Prasad, Acharya Narendra Deva University of Agriculture and Technology, India.

Complete Peer Review History: <https://pr.sdiarticle5.com/review-history/146736>

Crop Modelling: The Way towards Climate Smart Farming
DOI: 10.9734/ijec/2025/v15i115101

Reviewers:

- (1) Md. Ariful Islam, Rajshahi University of Engineering & Technology, Bangladesh.
- (2) Tahreem Bano Ashraf Ali Momin, K.M.E.Society's G.M.Momin Women's College, India.

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- (2) Sunil Kumar, Bihar Agricultural University, India.
- (3) Uttam Kumer Sarker, Bangladesh Agricultural University, Bangladesh.

Complete Peer Review History: <https://pr.sdiarticle5.com/review-history/146710>

Effect of El Niño and La Niña on Food Grain Production in Chhattisgarh State, India
DOI: 10.9734/ijec/2025/v15i115102

Reviewers:

- (1) Ama, Nathan Andrie, Southern Leyte State University, Philippines.
- (2) Nabil Swedan, U.S.A.

Additional Reviewers:

- (1) Rossen Koroutchev, Universidad Autonoma de Madrid, Spain.

Complete Peer Review History: <https://pr.sdiarticle5.com/review-history/146697>

Seed Priming Interventions for Enhancing Stress Resilience and Productivity in Redgram (Cajanus cajan L.)
DOI: 10.9734/ijec/2025/v15i115103

Reviewers:

- (1) Ravi Ranjan Saxesena, Mandsaur University, India.
- (2) Hala Muzher Yaqub, Mosul University, Iraq.

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- (1) Farshid Talat, Iran.
- (2) Manoj Kumar Das, Sri Sri University, India.
- (3) Sreeja Bopin, Kadi Sarva Vishwavidyalaya, India.

Complete Peer Review History: <https://pr.sdiarticle5.com/review-history/147396>

Mangrove Forests in a Changing World: Distribution, Change, Drivers and Climate Relevance
DOI: 10.9734/ijec/2025/v15i115104

Reviewers:

- (1) Thorat Akash Dilip, Navsari Agriculture University, India.
- (2) Mohamed Khalfan Mohamed, Abdulrahman Al-Sumait University, Tanzania.

Additional Reviewers:

- (1) Partha S Sarkar, Tripura University, India.

Complete Peer Review History: <https://pr.sdiarticle5.com/review-history/145573>

Epidemiology of Necrosis Virus Disease of Cotton Caused by Tobacco Streak Virus
DOI: 10.9734/ijec/2025/v15i115105

Reviewers:

- (1) Kiran Thakur, Rajmata Vijayaraje Scindia Krishi Vishwa vidyalaya, India.
- (2) Piyush Kumar, Sher-e-Kashmir University of Agricultural Sciences and Technology of Kashmir, India.

Additional Reviewers:

- (1) B. Sri Suyambulinga Perumal, Vel Tech High Tech Dr Rangarajan Dr Sakunthala Engineering College, India.
- (2) Mahfut, Lampung University, Indonesia.
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Complete Peer Review History: <https://pr.sdiarticle5.com/review-history/146980>

Climate Dynamics and the Status of Tea Cultivation in Himalayan Region: Emerging Trends and Policy Implications
DOI: 10.9734/ijec/2025/v15i115106

Reviewers:

- (1) Pallab Kumar Sarma, Assam Agricultural University, India.
- (2) Dinanath Bhandari, Disaster Risk Reduction and Management Services Foundation, Nepal.
- (3) Imali Sashika Abeywickrama Hewapathirana, University of Colombo, Srilanka.

Additional Reviewers:

- (1) D Jayanarayana Reddy, Jawaharlal Nehru Technological University Anantapur, India.
- (2) Debojyoti Dutta, A B N Seal College, India.
- (3) Tarun Kumar Misra, India.
- (4) Alowanou-Kélé Blaise, University of Abomey – Calavi, Benin.

Complete Peer Review History: <https://pr.sdiarticle5.com/review-history/144984>

A Review on the Role of Renewable Energy in Mitigating Climate Change through Technological and Policy Solutions
DOI: 10.9734/ijec/2025/v15i115107

Reviewers:

- (1) Jesse Daniel Brown PhD, Armstrong Atlantic State University, USA.
- (2) Edward Uluma, Masinde Muliro University Of Science And Technology, KENYA.

Additional Reviewers:

- (1) khaleel Radhi Hasan Alzly, Al-Furat Al-Awsat Technical University, Iraq.

Complete Peer Review History: <https://pr.sdiarticle5.com/review-history/144079>

Desertification in the Rafsanjan Plain, Southeastern Iran: Linking Local Processes to Global Climate Change
DOI: 10.9734/ijec/2025/v15i115108

Reviewers:

- (1) Givanildo de Gois, Federal University of Alagoas, Brazil.
- (2) Alexander Sagaydak, State University of Land Use Planning, Russia.

Additional Reviewers:

- (1) Humaira Nazir, Aga Khan University, Karachi.

Complete Peer Review History: <https://pr.sdiarticle5.com/review-history/147237>

Influence of Agrometeorological Indices on Phenology of African Marigold (*Tagetes erecta* L.)
DOI: 10.9734/ijec/2025/v15i115109

Reviewers:

- (1) Sunanda Moka, Ministry of Earth Sciences, India.
- (2) Nurul Nnadiyah Zakaria, Universiti Kuala Lumpur, Malaysia.

Complete Peer Review History: <https://pr.sdiarticle5.com/review-history/146871>

Advances in Canopy Management for Enhancing Productivity and Sustainability in Perennial Fruit Crops: A Comprehensive Review
DOI: 10.9734/ijec/2025/v15i115110

Reviewers:

- (1) Shashi K. Sharma, Dr. Y. S. Pamar University of Horticulture and Forestry, India.
- (2) Khadija Muktar Sukola, Kaduna State University, Nigeria.
- (3) Lochumi Kikon, Nagaland University, India.

Additional Reviewers:

- (1) Anurak Singchai, Phetchaburi Rajabhat University, Thailand.
- (2) Hussein Abbas jebur, Iraq.

Complete Peer Review History: <https://pr.sdiarticle5.com/review-history/146705>

Integration of Organic Farming and IPM Approaches for Sustainable Crop Protection: A Comprehensive Review
DOI: 10.9734/ijecc/2025/v15i115111

Reviewers:

- (1) Kosisochukwu Onyeagba, University of Cincinnati, USA.
- (2) Prakash Kumar, Swami Keshawanand Rajasthan Agricultural University, India.

Additional Reviewers:

- (1) Niraj kumar, Junagadh Agricultural University, India.
- (2) Sidra Muhyuddin, The Women University Multan, Pakistan.

Complete Peer Review History: <https://pr.sdiarticle5.com/review-history/147431>

Morpho-Physiological Performance of Glycine max (L.) Merrill an Oil Seed Crop Genotypes under Drought Stress
DOI: 10.9734/ijecc/2025/v15i115112

Reviewers:

- (1) Avdesh Bhardawaj, Juno Terra Technology Private Limited Delhi, India.
- (2) Kassa Abera Tareke, Kombolcha Institute of Technology, Ethiopia.

Additional Reviewers:

- (1) Mahesh Singh, Teerthanker Mahaveer University, India.

Complete Peer Review History: <https://pr.sdiarticle5.com/review-history/147357>

Balancing of Oxidative Stress and Antioxidant Accumulation in Finger Millet under High Temperature and Elevated CO₂ × Drought Stress Interactions
DOI: 10.9734/ijecc/2025/v15i115113

Reviewers:

- (1) Suherman, Universitas Muhammadiyah Parepare, Indonesia.
- (2) Aeman Zia, University of Agriculture Faisalabad, Pakistan.

Additional Reviewers:

- (1) Maria Ashraf, Indonesia.

Complete Peer Review History: <https://pr.sdiarticle5.com/review-history/147004>

Soil and Water Conservation Measures for Promoting Climate-Resilient Dryland Horticulture
DOI: 10.9734/ijecc/2025/v15i115114

Reviewers:

- (1) Raja Gopal V, Tamil Nadu Agricultural University, India.
- (2) Ritwik Sahoo, Uttar Banga Krishi Viswavidyalaya, India.

Additional Reviewers:

- (1) Shruti Gupta, University of Jammu, India.

Complete Peer Review History: <https://pr.sdiarticle5.com/review-history/147205>

Landscape Dynamics and Impact of Anti-Salt Micro-Dams on Rice Cultivation in the Djiguinoum Sub-Watershed, South Senegal
DOI: 10.9734/ijecc/2025/v15i115115

Reviewers:

- (1) Mohammad Halim Khan, Atarra Post Graduate College Atarra, India.
- (2) Laishram Sunil Singh, Waikhom Mani Girls' College, India.
- (3) Hamid Ganjaeian, University of Tehran, Iran.

Additional Reviewers:

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- (2) Fahimeh Mokhtari, Shahrekord University, Iran.
- (3) Richard Fletcher, Qatar.

Complete Peer Review History: <https://pr.sdiarticle5.com/review-history/147338>

Dissipation of Pyriithiobac-Sodium at Different Soil Moisture Regimes in Cotton Growing Soils of Telangana State, India
DOI: 10.9734/ijecc/2025/v15i115116

Reviewers:

- (1) Mrinal Choudhury, Assam Agricultural University, India.
- (2) Daniel O. Udorah, Federal Polytechnic Oko, Nigeria.

Complete Peer Review History: <https://pr.sdiarticle5.com/review-history/146430>

Forecasting the Future of Food: An Integrated Review of Crop and Climate Simulation Models

DOI: 10.9734/ijecc/2025/v15i115117

Reviewers:

- (1) Shivam Chaubey, JVS, India.
- (2) Balaji G, Annamalai University, India.

Additional Reviewers:

- (1) Abali, Innocent, Federal College of Education (Technical), Omoku in Affiliation with University of Nigeria, Nigeria.
- (2) Amrit Dhakal, Prince of Songkla University, Nepal.
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- (4) M Vivek, Pavendhar Bharathidasan Polytechnic College, India.
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- (6) Belei Oksana Ihorivna, Ivano-Frankivsk National Technical University of Oil and Gas, Ukraine.

Complete Peer Review History: <https://pr.sdiarticle5.com/review-history/147364>

A Combined Statistical and Machine Learning Approach for Predicting Surface Water Quality in Burkina Faso

DOI: 10.9734/ijecc/2025/v15i115118

Reviewers:

- (1) Bhavani Sankar Panda, Raghu Engineering College, India.
- (2) Maryna Hryha, M.P. Semenenko Institute of Geochemistry, Ukraine.

Additional Reviewers:

- (1) Samson O. Ooko, Adventist University of Africa, Kenya.

Complete Peer Review History: <https://pr.sdiarticle5.com/review-history/147478>

Characterisation and Energy Valorisation Trials of Septic Tank Sludge from Urban Areas in Benin, West Africa

DOI: 10.9734/ijecc/2025/v15i115119

Reviewers:

- (1) Temesggen Feleke Fera, Wolkite University, Ethiopia.
- (2) Heronima D. Sanchez, Benguet State University-Bokod Campus, Philippines.
- (3) S. Meenachi, K.S. Rangasamy College of Technology, India.

Additional Reviewers:

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- (3) Kavita Gour, Priyadarshini J L College of Engineering, India.

Complete Peer Review History: <https://pr.sdiarticle5.com/review-history/147360>

Smallholder Farmers' Perceptions of the Link Between Agricultural Land Tenure and Investment in Irrigation Infrastructure in the Volta Region of Ghana

DOI: 10.9734/ijecc/2025/v15i115120

Reviewers:

- (1) Awa BA, Senegal.
- (2) Debabrata Nandi, Maharaja Sriram Chandra Bhanja Deo University, India.
- (3) Murugaragavan Ramasamy, Nadu Agricultural University, India.

Additional Reviewers:

- (1) Muhammad Younus, Universitas Muhammadiyah Yogyakarta, Pakistan.

Complete Peer Review History: <https://pr.sdiarticle5.com/review-history/146937>

Bioconversion of Banana Pseudostem into Value Added Bio Manure

DOI: 10.9734/ijecc/2025/v15i115121

Reviewers:

- (1) Muzamil Yousuf, Sher e Kashmir University of Agricultural Sciences and Technology (J&K), India.
- (2) Abdul Kadir Salam, University of Lampung, Indonesia.
- (3) Kukuh Setiawan, University of Lampung, Indonesia.

Complete Peer Review History: <https://pr.sdiarticle5.com/review-history/143073>

Analysis of Greenhouse Gas Emissions (GHG) from Livestock Sector in India with Special Reference to Dairy in Telangana

DOI: 10.9734/ijecc/2025/v15i115122

Reviewers:

- (1) Udaybhan Yadav, University of Mumbai, India.
- (2) Mampuya Nzita André, President Joseph Kasa-Vubu University (UKV), Democratic Republic of Congo.
- (3) Pragalbh Tiwari, Sam Higginbottom University of Agriculture, Technology and Sciences, India.

Additional Reviewers:

- (1) Biswnath Kumar Saha, King Mongkut's University Of Technology North Bangkok, India.
- (2) Osama Asanousi Eshteivi Lamma, Bani Waleed University, Libya.

Complete Peer Review History: <https://pr.sdiarticle5.com/review-history/146902>

**To Study the Effect of Irrigation Water Quality on the Soil Productivity of Pehowa Block of Kurukshetra District, Haryana, India
DOI: 10.9734/ijecc/2025/v15i115123****Reviewers:**

- (1) Ismail Tas, Canakkale Onsekiz Mart University, Turkey.
- (2) Swati Gupta, Vivekananda Global University, India.
- (3) Jeetendra Singh, Dayalbagh Educational Institute, India.

Additional Reviewers:

- (1) Aqsa Ilyas, University of Veterinary and Animal Sciences Pakistan.
- (2) Bhadreshkumar R SUDani, Gujarat Technological University, India.
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- (4) Loth Botahala, Universitas Tribuana Kalabahi, Indonesia.

Complete Peer Review History: <https://pr.sdiarticle5.com/review-history/146658>

**Climate Change Mitigation Challenges and Strategies for Achieving Net Zero Emissions in India
DOI: 10.9734/ijecc/2025/v15i115124****Reviewers:**

- (1) Cornelius K, R.M.K. College of Engineering and Technology, India.
- (2) Nguyen Van Hop, Vietnam.

Additional Reviewers:

- (1) Halvor Kvande, NTNU Trondheim, Norway.
- (2) Niraj Mishra, Government Polytechnic Chhabilahakhor Sadar Basti, India.
- (3) P.B. Dharmasena, Rajarata University of Sri Lanka, Sri Lanka.
- (4) Urja Pandya, Gujarat Vidyapith, India.

Complete Peer Review History: <https://pr.sdiarticle5.com/review-history/147086>

**Influence of Sowing Dates and Irrigation Regimes on Wheat Phenology, Growth and Yield in the Semi-Arid Region of Haryana, India
DOI: 10.9734/ijecc/2025/v15i115125****Reviewers:**

- (1) Monnem Sadalaha, Iraq.
- (2) Myrtel S. Bernardo, Philippines.

Additional Reviewers:

- (1) Anang Susanto, Merdeka University, Indonesia.
- (2) Heghedus Mindru Ramona Cristina, University of Life Sciences „King Mihai I”, Romania.
- (3) Kazi Mohammad Anamoul Haque, Bangladesh Army University of Science and Technology, Bangladesh.
- (4) Manar Ibrahim Hasan, University of Diyala, Iraq.
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- (6) Rukuosietuo Kuotsu, India.

Complete Peer Review History: <https://pr.sdiarticle5.com/review-history/146807>

**Region Shapes Vision: Cropping Systems and Crop Choices in India Depend on Local Climate and Geography
DOI: 10.9734/ijecc/2025/v15i115126****Reviewers:**

- (1) Tsering Tashi, University of Ladakh, India.
- (2) Bassirou Yaouba, National Advanced School of Public Works, Cameroon.
- (3) Mahfut, M.Sc., Lampung University, Indonesia.

Additional Reviewers:

- (1) Mahfut, Lampung University, Indonesia.
- (2) Shwetha H S, KVAFSU, India.
- (3) Sjarifuddin Ende, Alkhaeraat University, Indonesia.
- (4) Suchitra Tyagi, Shri Ram Group of Colleges, India.

Complete Peer Review History: <https://pr.sdiarticle5.com/review-history/147433>

**Understanding Farmers' Perception and Adaptation Strategies on Climate Change in India: A Review
DOI: 10.9734/ijecc/2025/v15i115127****Reviewers:**

- (1) Roger Achkar, United Kingdom.
- (2) Muhammad Tahir Anwar, Ministry of National Food Security and Research, Pakistan.

Additional Reviewers:

- (1) Pragalbh Tiwari, College of Forestry, Sam Higginbottom University of Agriculture, Technology, And Sciences (SHUATS), India.
- (2) Roopali P. Kudare, PCET's S B Patil Institute of Management, Savitribai Phule Pune University, India.

Complete Peer Review History: <https://pr.sdiarticle5.com/review-history/148095>

Impact of Climate Change and Global Warming on Agricultural Crop Shifts: Challenges and Adaptation Strategies

DOI: 10.9734/ijecc/2025/v15i115128

Reviewers:

- (1) Philippe Malick DIONE, Assane Seck University of Ziguinchor, Senegal.
- (2) Gokul S, Central Agricultural University, Imphal, India.
- (3) Amita Fotedar, New Zealand.

Additional Reviewers:

- (1) Reham Mohamed Abd Elhady Mohamed, National Nutrition Institute, Egypt.
- (2) F. A. Samiul Islam, Uttara University, Bangladesh.
- (3) ORU, Theresa Oluwatobi, Caleb University Imota, Nigeria.
- (4) Rajendra Kumar, ICFAI University, India.

Complete Peer Review History: <https://pr.sdiarticle5.com/review-history/147777>

A Comparative Analysis of Zinc-solubilizing Bacteria-mediated Chlorophyll Content in Wheat by Artificial Neural Networks and Random Forest

DOI: 10.9734/ijecc/2025/v15i115129

Reviewers:

- (1) Tanishta Singh, Manipal Institute of Technology, India.
- (2) ADEREMI, Ibraheem Adebayo, University of Ilorin, Nigeria.

Additional Reviewers:

- (1) Angamuthu T, Vels Institute of Science, Technology and Advanced Studies, India.

Complete Peer Review History: <https://pr.sdiarticle5.com/review-history/147980>

Water Use Efficiency and Irrigation Innovations in Crop Systems

DOI: 10.9734/ijecc/2025/v15i115130

Reviewers:

- (1) Dibyendu Pal, Seacom Skills University, India.
- (2) Aabil Husain, Prestige Institute of Management & Research, Gwalior, India.

Complete Peer Review History: <https://pr.sdiarticle5.com/review-history/147785>

Data-Driven Modeling of FAO-56 Penman–Monteith Reference Evapotranspiration Using Limited Meteorological Parameters through Artificial Neural Networks

DOI: 10.9734/ijecc/2025/v15i115131

Reviewers:

- (1) Serkan Ansay, Izmir Bakircay University, Turkey.
- (2) Kumudha H R, Bharathi College Post Graduate & Research Centre, India.

Additional Reviewers:

- (1) Lillian Mzyece, University of Zambia, Zambia.

Complete Peer Review History: <https://pr.sdiarticle5.com/review-history/147791>

Impact of Climate Change on Soil Health and Nutrient Cycling: Implications for Sustainable Agriculture

DOI: 10.9734/ijecc/2025/v15i115132

Reviewers:

- (1) Ashutosh Singh, Bihar Agricultural University, India.
- (2) Mrinal Choudhury, SCS College of Agriculture, India.
- (3) Rasoul Kharazmi, Soil and Water Research Institute, Iran.

Complete Peer Review History: <https://pr.sdiarticle5.com/review-history/147871>

Environmental Contaminants in Drinking Water of Urban Dairy Farms in Dhaka, Bangladesh: Microbial and Iron Burdens as Emerging One Health Threats Under Climate Stress

DOI: 10.9734/ijecc/2025/v15i115133

Reviewers:

- (1) Pradeep Kumar Singh, Indira Gandhi Agricultural University, India.
- (2) Anindita Deb Pal, J.D. Birla Institute, India.
- (3) Sudarshan.P, Mangalore University, India.

Additional Reviewers:

- (1) Akshay Wayal, MIT ADT University, India.
- (2) Teba Saadi Hussein, Iraq.

Complete Peer Review History: <https://pr.sdiarticle5.com/review-history/148024>

Bamboo: A Fast-Growing, Eco-Friendly, and Versatile Resource for a Sustainable Future

DOI: 10.9734/ijecc/2025/v15i115134

Reviewers:

- (1) Chinye Samuel Mesike, Rubber Research Institute of Nigeria, Nigeria.
- (2) Tammam Kheder Yaghi, Bucharest University, Netherlands.
- (3) Hermawan, Universitas Sains Al-Qur'an, Indonesia.

Additional Reviewers:

- (1) Nawras Hofzi Shliouh, Al-Qasim Green University, Iraq.
- (2) Darshana T. Bhatti, VVP Engineering College, India.
- (3) Endalkachew Birhan, Madda Walabu University, Ethiopia.
- (4) Gebre Tafere, Debre Berhan University, Ethiopia.
- (5) Mohsen Javanmiri Pour, Forest and Rangeland Research Institute, Iran.

Complete Peer Review History: <https://pr.sdiarticle5.com/review-history/147825>

Assessment of Climatic Trends and Change Points in the Western Agro-climatic Zone of Madhya Pradesh, India

DOI: 10.9734/ijecc/2025/v15i115135

Reviewers:

- (1) Anurag Patel, Sanjeev Agrawal Global Educational (SAGE), University, India.
- (2) Abdulkareem Ibrahim Ayinla, Kaduna Polytechnic, Nigeria.
- (3) Roberto P.L. Caporali, Italy.

Additional Reviewers:

- (1) Luis Javier Martínez Morales, Benemérita Universidad Autónoma de Puebla, México.
- (2) Ravi Ranjan Kumar, Bihar Agricultural University, India.

Complete Peer Review History: <https://pr.sdiarticle5.com/review-history/148193>

Energy Utilization Pattern in Dryland Production Systems of Cotton and Maize

DOI: 10.9734/ijecc/2025/v15i115136

Reviewers:

- (1) Narayan Totaram Borkar, ICAR-Central Institute for Cotton Research, Nagpur, India.
- (2) Adumbu, Terna, Federal College of Agriculture, Ishiagu, Nigeria.

Additional Reviewers:

- (1) Ana Cruz Morillo Coronado, Universidad Pedagógica y Tecnológica de Colombia, Colombia.
- (2) Dr Phindile Madikizela, Rhodes University, South Africa.
- (3) Reda E. Essa, Egypt.

Complete Peer Review History: <https://pr.sdiarticle5.com/review-history/147241>

Integrated Artificial Intelligence in Weather Forecasting for Agriculture: Opportunities, Challenges, and the Road Ahead

DOI: 10.9734/ijecc/2025/v15i115137

Reviewers:

- (1) Roshan Kumar Singh, IIT Madras, India.
- (2) Juan Pulido-Secundino, Universidad Autónoma Chapingo, México.
- (3) Mohammad Ibna Anwar, King Abdulaziz University, Jeddah, Saudi Arabia.

Additional Reviewers:

- (1) Jameel AL-naffakh, AL-Furat Al-Awsat Technical University, Iraq.

Complete Peer Review History: <https://pr.sdiarticle5.com/review-history/148334>

Challenges and Opportunities for Circular Economy Adoption in Solid Waste Management: A Case Study of Garissa Township, Kenya

DOI: 10.9734/ijecc/2025/v15i115138

Reviewers:

- (1) Ogwal Emmanuel, The Unlimited Youths (TUY), Uganda.
- (2) Mohammad Siddique, BUITEMS, Pakistan.
- (3) Sodiq Alaka, United Kingdom.

Additional Reviewers:

- (1) Md. Zahid Hossain, Bangladesh.
- (2) M. Nandhini, SRM Institute of Science and Technology, India.

Complete Peer Review History: <https://pr.sdiarticle5.com/review-history/148008>

Geospatial Approach in Assessing Land Suitability for Agro-Horticulture in North Indian Hilly Region
DOI: 10.9734/ijec/2025/v15i115139

Reviewers:

- (1) Deepak Kumar, GBPUAT Pantnagar, India.
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Effect of Weather on Physiological Aspect and Quality of Kinnow Mandarin under Sub-Tropics Foothill Himalayas

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Study on Phenological Characteristics of *Abies pindrow* Royle in Different Sites of Kashmir Himalayas
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Ecological and Evolutionary Responses of Insects to Climate Change: A Review
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Assessing of Impacts of Climate Change on Sea-level Rise and Shoreline Evolution Case of the East Coast of Cotonou in Benin, West Africa
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Development of Perceived Climate Change Impact on Farmers' Livelihood Security Index: An Index to Assess Farmers' Perception of Climate Change Impact on Livelihood Security in India
DOI: 10.9734/ijecc/2025/v15i125157**Reviewers:**

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Impact of Meteorological Parameters on the Development of Alternaria Leaf Spot of Brinjal (*Solanum melongena* L.) Caused by *Alternaria alternata* (Fr.) Keissler under Natural Epiphytotic Conditions
DOI: 10.9734/ijecc/2025/v15i125158**Reviewers:**

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Harnessing Automated Irrigation Technologies to Enhance Sustainability of Agriculture: A Pathway to Food Security
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Study of Atmospheric Particle Fallout in Nakoyakpala, NZerekore, Guinea
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Atmospheric Response to India's COVID-19 Lockdown: A Multi-Satellite Assessment of Aerosols, Trace Gases, and Meteorological Influences

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Groundwater Quality and Health Risk Assessment Related to Waste Electrical and Electronic Equipment Dumpsites in Benin
DOI: 10.9734/ijecc/2025/v15i125169

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DOI: 10.9734/ijecc/2025/v15i125170

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The Status of Area and Distribution of Natural Evergreen Broadleaf Forests Classified as Poor Production Forests in Northeast Vietnam
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Effect of Organic Manures on Soil Aggregate Stability and Aggregate-Associated Organic Carbon under Long-term Experiments in Subtropical India

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Soil Degradation and Climate Change Relationships: A Review

DOI: 10.9734/ijecc/2025/v15i125173

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Cataloguing Climate-Smart Agricultural Innovations for the Ecologically Fragile Coastal Landscapes of Bangladesh

DOI: 10.9734/ijecc/2025/v15i125174

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DOI: 10.9734/ijecc/2025/v15i125175

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Technical Efficiency of Cabbage Production in Southern Shan State of Myanmar by Controlling for Weather Factors: A Stochastic Frontier Production Approach

DOI: 10.9734/ijecc/2025/v15i125176

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Multivariate Analyses of Climate-Resilient Traits for in situ Conservation of Black Pepper (*Piper nigrum* L.) Diversity in Kerala, India
DOI: 10.9734/ijec/2025/v15i125177

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Investigating Water Storage Losses from Dugout Type Farm Ponds on Farmer's Field in Vidarbha Region of Maharashtra, India
DOI: 10.9734/ijec/2025/v15i125178

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Metagenomics: An Emerging Novel Approach to Assess Microbial Diversity in the Riverine Ecosystem
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Estimation of Crop Water Requirement (CWR) and Reference Evapotranspiration of Chickpea Crop Using CROPWAT 8.0 Model for Prayagraj
DOI: 10.9734/ijec/2025/v15i125180

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Spatio-Temporal Assessment of Vegetation Dynamics Using NDVI in the Mann River Watershed, Maharashtra, India
DOI: 10.9734/ijec/2025/v15i125181

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Land Use Dynamics and Forage Availability of Pastures in Southwest Burkina Faso
DOI: 10.9734/ijec/2025/v15i125182

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DOI: 10.9734/ijec/2025/v15i125183

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Assessment of Vegetative Phases and Optimization of Rainfed Rice Cycle Timing Under Climatic Risk in the Tonkpi Agroecological Zone, Western Côte d'Ivoire
DOI: 10.9734/ijec/2025/v15i125184

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Hydro-Chemical and Bacteriological Assessment of Groundwater in the City of Djara and Surrounding Areas (Kanem-Chad)
DOI: 10.9734/ijec/2025/v15i125185

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Asymmetric Warming and Intensified Extremes Dominate Ugandan Crop Yield Variability (1995–2024): The Primacy of Nocturnal Heat over Precipitation
DOI: 10.9734/ijec/2025/v15i125186

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Effects of Indoor Air Pollution and Practical Mitigation through Architectural Elements and Indoor Plants: A Review
DOI: 10.9734/ijec/2025/v15i125187

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Climate Change and Trends in Autlán de Navarro, Jalisco México (1961-2023)
DOI: 10.9734/ijec/2025/v15i125189

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Advances and Emerging Frontiers in Extended Range Weather Forecasting for Indian Agriculture
DOI: 10.9734/ijecc/2025/v15i125190

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Integrated FR - WOE and ROC - Validated Landslide Susceptibility Mapping Using Satellite-based Geospatial Data in Pherzawl District, Manipur, India
DOI: 10.9734/ijecc/2025/v15i125191

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Comparative Performance Analysis of Chimney Assisted Greenhouse Solar Dryer and Open Sun Drying of Cereal Crop
DOI: 10.9734/ijecc/2025/v15i125192

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Comparative Analysis of Carbon Emissions from Trawl Fisheries in India within a Global Framework
DOI: 10.9734/ijecc/2025/v15i125193

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Identifying Suitable Sites of Artificial Groundwater Recharge Structure Using Geoinformatics: A Review
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DOI: 10.9734/ijecc/2025/v15i125195

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Reviewing Applications and Challenges of Artificial Intelligence in Renewable Energy Production
DOI: 10.9734/ijecc/2025/v15i125196

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Impact of 'Narva' on Ecology and Socio-Economic Status of Bhoramdeo Wildlife Sanctuary of Chhattisgarh, India
DOI: 10.9734/ijecc/2025/v15i125197

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- (1) Abdulkareem Ibrahim Ayinla, Kaduna Polytechnic, Nigeria.
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Climate-Vegetation-Fire Interactions in Guinea: A Remote Sensing Perspective
DOI: 10.9734/ijecc/2025/v15i125198

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Temperature-dependent Development and Survival of Fall Armyworm, Spodoptera frugiperda
DOI: 10.9734/ijecc/2025/v15i125199

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A Review on Advances in Chemical Ecology of Agricultural Insects and their Applications in Pest Management
DOI: 10.9734/ijecc/2025/v15i125200

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Effect of Phosphorus and Phosphorus-Solubilizing Bacteria on Soil PSB Population and Acid Phosphatase Enzyme Activity in Soybean
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Carbon Sequestration in Ghana: Challenges, Opportunities and Policy Implications
DOI: 10.9734/ijec/2025/v15i125202

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Assessment of Vegetation Dynamics in a Semi-Arid Environment Using Fuzzy Logic and Geospatial Approach: Evidence from Ngala Local Government Area, Borno State, Northeastern Nigeria
DOI: 10.9734/ijec/2025/v15i125204

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Calibration and Validation of Ceres-Sorghum Module of Dssat Model for Summer Sorghum (*Sorghum bicolor* L.) under Different Sowing Windows
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Understanding Climate-Driven Livestock Diversification: Evidence from Semi-Arid Regions of Rajasthan
DOI: 10.9734/ijec/2025/v15i125206

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- (3) Murali Matcha, National Institute of Technology Warangal, India.

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Effect, Impact and Causes of Oil Spills on Marine Organisms
DOI: 10.9734/ijec/2025/v15i125207

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Water Quality Analysis of Protected and Unprotected Wetlands of Bhopal Region, Madhya Pradesh, India
DOI: 10.9734/ijecc/2025/v15i125208

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- (2) Chinyere Ogbodo, National Open University of Nigeria, Nigeria.

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Foliar L-Ascorbic Acid (Vit-C) Application Enhances Antioxidant Defense and Alleviates Heat- Induced Oxidative Stress in Wheat (*Triticum aestivum* L.) Genotypes
DOI: 10.9734/ijecc/2025/v15i125215

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