

Inviting you to participate in online

7th National Conference

November 27-29, 2020

Restoring Sustainable Life through
Water, Agriculture, Environment and Ecosystem Management

For details and guidelines for submission
browse to <https://rwua.org.in>

Organizer

**River Water User Association-IRDRA
International River-Basin Foundation**

Important Dates

Registration opens: October 10, 2020

Registration Closes: November 25, 2020

Submission of Posters or Summary Closes: November 10, 2020

Submission of Power Point presentation November 20, 2020

Submission of full paper Closes: November 20, 2020

Introduction

The Conference aims to promote communication and dialogue among researchers, scientists, academicians, students and engineers working in the areas of Water, Agriculture, Fisheries, Environment, Food Security and Agricultural Engineering and focuses on research concerning to technology development, assessment and management of sustainable resources and the impact of environmental changes on bio-diversity, ecosystem services and human well beings. Our focus will be on sustainable development goals and Indian route for its achievements.

It will also create an interdisciplinary platform to share research ideas on recent advances and will discuss current challenges and potential among experts and newcomers in various field of sustainability to develop new models and to provide intelligent paradigm shifts to deal with uncertainties and imprecise problems in the real world due to climatic changes including post Covid19 repercussions.

Conference Themes

Papers are invited on following themes:

Water Trends in India

Surface and Ground Water resources, Management, Governance and Smart Solutions, Water shortages and Stresses, Water resource Management, Water use efficiency, Water balance estimation and assessments, Water Conservation, Social and economic effect of water shortages,

Water Policies and Planning

Water Efficiency Including Water Footprint and Virtual Water Calculations Changing Patterns of Water Consumption and Use

Sustainability and Water

Water Quality Assessment, Restoration and Sustainable Use, Unsustainable Patterns of Water Consumption and Use, Water Demand and Consumption, Recycling and Reuse Industrial Water and Wastewater Treatment, Domestic and Potable Water Treatment, Agricultural Wastewater Treatment.

Water for Community:

Ground Water Recharge, Groundwater Contamination and Protection. Development of management options to mitigate effects on water quality in drinking-water protection areas, Riparian Community, Management and policy to minimize effects of agriculture and land use changes on the quality of groundwater and surface waters. Health Risk Management and Water Quality and Human Health- Challenges and Solutions. Role of Wetlands, Constructed Wetlands and Waste Water Management, Water Harvesting, Rejuvenation and Global Best Practices, Policy and Practice for Sustainable Development;

Water and Disasters

Rivers and Water Bodies, floods, forecasting, Hydrology, Soil and water Erosion and Conservation, Climate Change Impacts on Hydrology and Water Resources; Planning and Management of Water Resources and Water; Erosion and Sediment Transport

Environment and Biodiversity

Biodiversity and Ecosystem; Genetic Biodiversity in Aquaculture, Treatment Wetlands; Ecosystem Restoration; Forest ecology & biodiversity

Energy

Energy efficient solutions for sustainable life, Renewable energy resources, Low Carbon Energy sources. Energy saving, Energy efficiency

Fisheries and Aquatic Ecosystem

Aquatic resources and environmental management, economics, human nutrition and health, Environmental impacts of aquaculture and/or fisheries, Fisheries, aquaculture and climate change, Fisheries management, policy, and governance. Ecology of Water Resources; Degradation of Aquatic Ecosystems; Freshwater Ecology; Aquaculture and Environmental Impacts; Aquatic Ecosystems Maintenance and Preservation; Biotechnology and genetics, Aquatic health management and diseases,

Agriculture and Crop Production for Food Security

Technologies for rapid crop improvement; Agriculture Systems; Plant Pathology and Agriculture; Plant genome sciences; Genomics technologies for tropical agriculture; Agriculture Biotechnology, Bio-information system; Health effects of pesticides; Bio-fertilizers, Global warming & agriculture; Climate change impacts on agriculture; Food security and climate change; Impacts on nutrition, quality and resource use efficiency; Emerging Trends & Technologies in Sustainable Agricultural Practices and Crop Science, Crop Modeling, Management and Cultural Practices
Soil less and Hydroponic Culture and Bio- Systems, Agricultural Biodiversity and Biological Natural Resources, Climate Change Impacts, Adaptation and Mitigation in Food Security
Agro-climate and climate management system, Soil fertility and plant nutrition, Plant protection and crops, Integrated pest management and plant hygiene under protected cultivation

Crop production systems

Practice-oriented and technical measures to limit leaching of nutrients and agrochemicals
Biotechnology for improving agriculture Production, Nano Technology applications in agriculture
Horticultural Crops, Organic Greenhouse Horticulture, Agrobiology and Bio-resources

Agroforestry and Land Landscape

Health Epidemics and Sustainable Life

Effect of epidemic and climate change on farmers and labourers Healthy life and natural systems

Communication and Technology

Application of Computer based communication technology and their framework for sustainable life, Web Intelligence Intelligent Software Intelligent Systems, Machine Intelligence Computer Vision Pattern recognition, Computational Intelligence Intelligent Search and Optimization Techniques Mobile Computing and Intelligence, Virtual Environments Human-Machine Interaction utilization Real Sustainable Technologies and Human Factors Green Decision Making and Development, Next-generation Sustainability Solutions, IoT and Big Data based Sustainable Computing Architectures Data Intelligence

Registration (Free for not requiring Certificate of participation)

Non Presenter/ not submitting the paper

Participants/Delegates from Government Institutions/Sponsored delegates INR 500/-
Other Institutions/Research Scholars/Research Assistants and Fellows/PhD students INR 500/-
U.G. and P.G. Students INR 300/-

Presenter/ Submitting the paper

Participants/Delegates from Government Institutions/Sponsored delegates INR 1500/-
Other Institutions/Research Scholars/Research Assistants and Fellows/PhD students INR 1000/-
U.G. and P.G. Students INR 1000/-

Publication Details

All the accepted summery will be published in "The proceedings of 7th National Conference"

Selected papers

Selected papers will be published in the form of Book with ISSN number

For Details and Fee submission

www.rwua.org.in

Committee

Advisors

Prof. Gyanendra Singh
Mr. Mahendra Mehta

Chairman Organizing Committee

Prof. Rajendra Kumar Isaac

Organizing Secretary

Monisha Isaac

Coordinator

Imran Khan

Organizing Committee

Prof. (Dr.) K.N. Bhatt, GBPSSI, Prayagraj, U.P.
Prof. Amarjeet Singh, MGCGVV, Chitrakoot, M.P.
Prof. Bijay Singh, Ranchi
Dr. A.K. Singh, ICAR-NBFGR, Lucknow, U.P.
Dr. R.K. Srivastava, CIFRI, Allahabad, U.P.
Dr. M.S. Yadav, IIRS, Lucknow, U.P.
Dr. Ajit Kumar Verma, CIFE, Mumbai, Maha.
Dr. Govind Singh, MGCGVV, Chitrakoot, M.P.
Mr. Animesh Prakash, Oxfam, India
Mr. Mukunda Upadhyay, Oxfam India
Prof. Amitabha Kar, Prayagraj
Dr. Om Hari Singh, Govt. Polytechnic, Varanasi, U.P.
Prof. S.S. Tripathi, Parul University, Gujrat

Scientific committee

Prof. Amit Srivastava, ABES College, Noida, U.P.
Dr. A.K. Pathak, ICAR-NBFGR, Lucknow, U.P.
Dr. S.S. Hasan, IISR, Lucknow, U.P.
Dr. Shakti Suryavanshi, SHUATS
Dr. Shikha Singh, Agra, U.P.,
Dr. N.K. Gupta, SHUATS
Dr. Shakir Ali, ICAR-CSWCRTI, Kota, Raj
Dr. Alok Dwivedi, Varanasi, U.P.
Dr. Alex Thomas, SHUATS, U.P.
Dr. Ashish Agarwal, IGNOU, New Delhi
Vineet Sharma, SHUATS, U.P.