

**Abstract
Submission
Open**

RiverCon22

**9th National Conference
on**

Soil, Water, Plant and Ecosystem

29th April to 1st May, 2022



on Virtual Platform

**Organized by River Water User Association (India)-IRDRA
International River-Basin Foundation-WCPI**

<http://rwua.org.in/RiverCon2022>



RiverCon22

**9th Annual Conference on Soil, Water, Plant and Ecosystem
Sustainable Ground water Management**

April 29th to 01st May, 2022

ABOUT RWUA (India)

River Water User Association is a an organization, established as a mission under Institute of Rural Development and Research, working to keep the people closer by providing a platform, throughout the India to interact on water related issues and to undertake initiatives for Water Conservation, Protection and Management and its efficient use. It conducts Research, Development, Case studies, Projects, Training and demonstrations for promoting conservation, Treatment and Management of water bodies and Agriculture.

ABOUT THE CONFERENCE

The 9th Annual Conference on Soil, Water, Plant and Ecosystem, covers a wide area of research and the advance technology interventions and applications in the field of life Sciences and natural systems.

The objective of RiverCon22 is to bring together, leading research scientists working in Life sciences related topics and stakeholders dealing with issues of public concern, such as soil degradation and consequences of climatic changes, Agriculture, Environmental Pollution, Water and Biodiversity. Technologies and engineering fields are merged with it for its advance applications for better policy and strategic outcome as per current needs.

Since the UN considers this year as year of ground water so the conference committee decided to pay more attention to Ground water by having a workshop and discussion to address various groundwater issues.

By involving multiple field and subject areas, our overall focus will be, “How can we manage our rivers and ecosystem services for its sustainable use?”

Themes will include selected oral communications of cutting-edge scientific results and different stakeholders’ inputs, posters, workshops and webinars including research, case studies and review articles.

Themes

- Managing Soil Water Agriculture and Ecosystem
- Climate Changes, water and our Food production systems
- Sustainable Systems and Ecosystem Health
- Technologies for Change

The Papers are invited on following topics focusing any of above themes, but not limited to following topics:

Soil

- Sustainably and efficiently management of Soil
- Soil Conservation
- Soil Health
- Soil erosion and reclamation
- Soil loss assessment
- Resilient agricultural practices,
- Strengthening capacity for adaptation to climate change, improving land and soil quality;
- Maintaining the genetic diversity
- Improving Soil to build resilience and limit climate-related hazards and natural disasters;

Water Resources Management

- Water Resources Systems
- Climate Change Impacts on Hydrology and Water Resources
- Monitoring, Remediation, Assessment and Protection of Water Resources
- Planning and Management of Water Resources and Water Provision
- Watershed Hydrology
- Erosion and Sediment Transport

Sustainable Management of Surface Water

- Surface Water Management
- Storm Water Management
- Rivers and flood Management
- Runoff Control
- Extreme Hydrological Events
- Sustainable Flood Retention Basins
- Permeable Pavement Systems
- Hydrologic Numerical Simulation
- Hydrologic Model

Groundwater

- Water and Groundwater Interactions
- Groundwater Contamination and Protection
- Soil and Aquifer Properties

- Groundwater Flow and Well Hydraulics
- Hydro-geochemistry and Contaminant Hydrogeology

Water and Wastewater Treatment

- Industrial Water and Wastewater Treatment
- Domestic and Potable Water Treatment
- Agricultural Wastewater Treatment
- Desalination
- Water Purification
- Development of Analytical Methods for Emerging Contaminants

Water Pollution

- Contaminant Sources, Sorption, Diffusion, Transformation, Volatilization and Transport
- Physics, Chemistry and Biology of Water
- Electro-analytical and Environmental Chemistry
- Pharmaceuticals in the Aquatic Environment
- Chemical Water Pollution
- Marine Water Pollution

Water Policies and Planning

- Development and Realization of National and International Policies on Water
- Water Economics
- Water Efficiency Including Water Footprint and Virtual Water Calculations
- Changing Patterns of Water Consumption and Use
- Climatic patterns at their effects

Agricultural and Horticultural Crop production Systems

- Ecosystem
- Cropping Systems
- Research and Developments in Agriculture
- Climate Change Impacts
- Biodiversity

Food Processing and Technologies

- Food and Nutrition
- Emerging Food and Beverage Processing Techniques
- Food and Beverage Quality Control
- Recent advancements in Food and Beverage Technology
- Food and Beverage Processing and Storage

Biotechnology

- Crop Genetic improvements
- bioprocessed products
- gene modification (manipulation) and transfer;
- the use of molecular markers and other technologies
- reproductive technologies in animals in fish

Aquatic Ecosystems

- Ecology of Water Resources
- Degradation of Aquatic Ecosystems
- Marine Ecology
- Freshwater Ecology
- Aquaculture and Environmental Impacts
- Aquatic Ecosystems Maintenance and Preservation

Wetland Systems

- Integrated Constructed Wetlands
- Treatment Wetlands
- Ecosystem Restoration

Technology Interventions

- ICT Applications
- Model Applications
- Algorithms and Data Base Management
- Education as a source of Change
- Agricultural Extension studies

Submission of Abstract

Abstract will be submitted through the google form available at the website.

Important Dates

Abstract Submission Opens	March 25, 2022
Abstract Submission Closes	April 20, 2022
Abstract Acceptance	April 20, 2022
Registration Opens	April 01, 2022
Registration Closes	April 25, 2022
Submission of Full Paper Closes	April 25, 2022
Submission of Power Point Presentation	April 25, 2022

Registration Fee

Attendees

Faculty and Scientists	INR 500/-
Student	INR 500/-
Student Technical Member RWUA-I	INR 300/-

Presenter

Faculty and Scientists	INR 1000/-
Student	INR 800/-
Student Technical Member RWUA-I	INR 600/-

Sponsor Institutions/ Organizations Details can be obtained by sending email

Submission of Registration Fee

Details for submission are available in Registration form Rivercon2022