

## Full Paper Submission

The Presentations are divided in General oral Presentations and Postal Presentations Full paper should be submitted in the template provided on the website and to be mailed to President@rwua.org.in, and will include: Title of Paper, Name of Author/s and organization/s (Presenting Author should be underlined), Abstract with Key words, Introduction, Methodology (Theory/ Approaches, Experimental Design), Results/ Achievements, Conclusion, References. Full paper should not be more than 7 pages in Times Roman 11 font size with 1.2 spacing. Paper selected for Poster submission are to be submitted on systematic format (template) available on conference website and may be sent to President@rwua.org.in

### Publication

All selected Abstract will be published in the Book of Abstracts; Full papers will be published in the online Proceedings of the Conference to be made available at the Conference Website.

### Awards

RWUA and Organizing Committee of the Conference offer various awards for different categories including presenters, members, Non-members. The details regarding different categories are available at our website. The awards will be offered on recommendation of duly constituted Scientific and Award Committee and Organizers.

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#### Contact Person

For Registration and other inquiry you may contact to

Mr. Utkarsh Dwivedi, Mob.: 8840018549, Mr. Sagar Swaroop, Mob. 8765773127

#### Contact details

If you need any further clarification or have any questions, please do not hesitate to contact:

Website: www.rwua.org.in and Email: President@rwua.org.in; Tel: +919452443542

## ABOUT RWUA (India)

River Water User Association is 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.

### Introduction to Conference Topic

Water has its role in everyone's life. It connects living world with non-living things. All the rivers are fed by basins and their life depends on sustainability of basin ecosystems and their hydrology. Perhaps continual supply of clean water for human uses and for other living things refers to the sufficient availability of water into the better future development. The water availability is a major component for farm agricultural production; water quality affects both, the human health and crop development. The present climatic conditions are extremely variable causing various disasters affecting daily human life and, urban and Agricultural Activities. The present climate change scenario is basically due to human activities for better life. Now it has become necessary to take various adoptive and creative actions to sustain the life on earth. The various models, IT tools, Database management tools, Risk management action are necessary to be adopted. Water is at the core of sustainable development and is critical for socio-economic development, healthy ecosystems and for human survival itself. It is vital for reducing the global burden of disease and improving the health, welfare and productivity of populations.

### Subject area included but not restricted to

Social Sciences: Agriculture; forestry, Science; Biotechnology; Agricultural, Civil and Environmental Engineering; Information Technology;

### Conference Themes

#### 1. Water Scarcity in River Basins

Present Scenario and efforts for sustainability; Concerns, Increasing demand and Potential Impacts, Pollution and waste water management and river and ground water qualities, Hydrological components, Methods and techniques of water loss reduction Institutional capacity and water governance; Policies for safe water supply and sanitation

#### 2. Water Sanitation and animal & human health aspects

#### 3. Agricultural Production

Sustainability of Agriculture, Major Agricultural Problems; Causes of low productivity; Current situation and future needs patterns of agricultural production, input-use, and major environmental impact thereof in the light of natural resource endowments, policies for promoting agricultural production, Improved production Technologies and tools;

#### 4. Adoptive Agriculture, Farm Machines and Advance Technologies.

#### 5. Environmental Pollution and means to control

#### 6. Biotechnological processes and means for improving agricultural production, Water quality and sewage water

#### 7. Climate Change and effect on human, Agriculture and fresh water bodies

Sources of pollution; Effects in various regions

Effects on water ecosystems and habitats, Natural Disasters and Extreme Events in Agriculture Living with Drought; drought mitigation for sustainable livelihoods

The Impact of Climate Change on Drylands. Climate models, Future emissions scenarios, Projections of future climate, Uncertainty in climate. Extreme events, Review of extreme climate and weather, Buildings and other structures, Transportation

# 5<sup>th</sup> National Conference

On

## River Basins Sustainability

Water Scarcity, Agricultural Production,  
Climate Change and Natural Disasters, their Management

(RIVERSUS-2018)

NOVEMBER 17-18, 2018

Ewing Christian College, Allahabad

Shepherd Institute of Engineering & Technology,  
SHUATS, Allahabad

Sustainable Development Goal's Initiative



Organized by

River Water User Association (India)

In collaboration with

Ewing Christian College, Allahabad

&

Shepherd Institute of Engineering & Technology, SHUATS  
Allahabad

### 8. Natural Disasters, Risk Assessment and Management

Major Natural disasters, Causes and solutions; Climate change and water-related disasters Critical water shortages and disaster plans for fresh water system rehabilitation National strategies for disaster reduction. Drought, desertification and Agricultural disasters

### 9. Civil Engineering Structures for adopting Climate Change

Role of IT in Disaster Management, Advancement in Information Technology in the form of Internet, GIS, Remote Sensing, satellite communication and information systems etc., in planning and implementation of hazards reduction measures, IT for emergency response and survival. Emerging geo information technologies for disaster Management.

### 10. IT for awareness and Management

Role of Information Technology in Agriculture, Data Mining and "Big Data" Applications Emerging geo- information technologies for disaster Management, Database management,

### Call For Abstracts

RiverServe-2018 invites abstracts for two categories of presentation:  
Oral presentations and Poster Presentations

### Important Dates

Registration Opens October 05, 2018

Early Bird Registration Closes November 14, 2018

### Registration Fee

Faculty/ Academic staff	Rs. 1500/-
Delegates from Industry, State and Central Government and ICAR and other delegates	Rs. 4000/-
Masters Students, Research Scholars/ Research Fellow: Ph.D.	Rs. 1000/-
UG students	Rs. 800/-
Students and Research Scholars presenting papers or poster, additional:	Rs. 200/- per paper
Additional Late fee Charges after closing of Early Bird Registration (November 10, 2018)	Rs. 500/-

### Venue

Day1: Toker Hall, Ewing Christian College Allahabad

Day2: Shepherd Institute of Engineering & Technology, SHUATS, Allahabad

### Abstract Submission requirements

200 words abstract should be submitted online in the template available at conference website at www.rwua.org.in before November 06, 2018.

### Full paper submission

Full paper should be submitted by November 10 for printing in proceedings to be made available in soft copy at the Conference website.

### Awards

Best presentation award will be given to the best student presentation as decided by the committee.