

## 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.

## Organizing Committee

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## Contact details

If you need any further clarification or have any questions, please do not hesitate to contact:  
Website: [www.rwua.org.in](http://www.rwua.org.in) and Email: [President@rwua.org.in](mailto:President@rwua.org.in); Tel: +919452443542

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

On

## Sustainable Ecosystem

Needs and Services for Food, Feed, Fuel and Fiber

(RiverServe-2017)

November 18-19, 2017

at Ewing Christian College, Allahabad, U.P.



Sustainable Development Goal's Initiative



Organized by



River Water User Association (India)-IRDRA

Co-organizer

Ewing Christian College, Allahabad

# 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

Ecosystems are the basis of life. The photosynthesis is one key reaction which allows the capture of light energy, carbon and water to produce organic compounds. Human society depends on an array of services provided by ecosystems. Food supply is one of the services ensured by an ecosystem. The ecosystem services have been grouped into four primary categories. All these groups are vital to human health and well-being: The Supporting services include the regulation of basic infrastructures of life and the regulation of ecological processes. The Regulating services consist of regulation of climate systems, gas and bio geochemical cycles. The Provisioning services include supply goods such as food, fiber, wood or non-woody biomass, water, oxygen, medicinal and genetic resources. And the Cultural services concern the cultural goods and benefits which support interactions between humans and nature. Many ecosystem processes essential for food production has encountered serious degradation. River depletion and degradation, Groundwater overexploitation, Land-use changes, Pollution from overuse of nutrients and agrochemicals, are worsening the problems and causing severe health problems to downstream populations. There are four ways to respond to these adverse impacts: by rehabilitating lost or degraded ecosystems and ecological processes, improving agricultural practices, using existing and improved technology, and the careful forward planning and addressing of underlying social issues, which affects many communities, especially within poor rural communities that often disproportionately and suffer the effects of environmental degradation.

## Conference Themes

### 1. Establishing Food Security in Ecosystem

- Processed and Packaged Food
- Management in food, milk and Agriculture Industries
- Optimization of input use and output produced
- Marketable surplus and post-harvest losses
- Standardization and grading
- Biotechnological initiatives and Advances
- Irrigation water Management and Water Allocation
- Conservation of Soil and Water
- Horticultural crops
- Crop Production
- Aquaculture
- Training and Education of farmers
- Awareness through IT
- Use of Computer Assisted software and Models

### 2. Energy Conservation in Ecosystem

- Using short term varieties
- Adopting low cost efficient farm Machinery
- Low cost Irrigation systems
- Water Conservation& Water Harvesting
- Use of Renewable sources of Energy
- Managing farm Income
- Fisheries
- Use of Animals for the purpose of Farm Energy conservation

### 3. Fiber

- Forest Development
- Medicinal Plants
- Aqua Ecosystems
- Timber Fuel and Fiber
- various traits of biotechnology in Agriculture, forestry and
- Food processing to meet future needs in food, feed, fiber, and fuel

### 4. Ensuring Food Security through

- Computer added automated technologies
- Improved Instrumentations and Electronics
- Reducing mechanical losses in production through improved machines
- Use of software's, Information systems
- Management and Scheduling

## Call For Abstracts

RiverServe-2017 invites abstracts for two categories of presentation:  
Oral presentations and Poster Presentations

## Important Dates

Registration Opens October 10, 2017  
Early Bird Registration Closes November 15, 2017  
Registration with late fee Closes November 18, 2017  
Abstract Submission Opens October 05, 2017  
Abstract Submission Closes November 10, 2017  
Abstract Acceptance October 31, 2017  
Last Date for submission of Full Paper November 15, 2017

## Registration Fee

Faculty/ Academic staff	Rs. 2000/-
Delegates from Industry, State and Central Government and ICAR and other delegates	Rs. 3000/-
Research Scholars/ Research Fellow: Ph.D.	Rs. 1000/-
UG and Masters 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	Rs. 500/-

For fee submission See website: [www.rwua.org.in](http://www.rwua.org.in) or  
Contact +919452443542/ Email: [President@rwua.org.in](mailto:President@rwua.org.in)

## Venue:

The Conference will be held at the Tukker hall, Ewing Christian Collage, Allahabad, Uttar Pradesh.

## Abstract Submission requirements:

Abstract should be submitted online through available template. The online submission requires: Title of Your paper; Theme area; Name and organization of all the authors; Abstract of 200 words; A short Biography of 50-100 words of presenting author; List five (5) key-words