



8th National Conference
Ecosystem based Adoption in Changing Climate for Food and water Security
May07-09, 2021

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

Drastic Climate changes are making adverse impacts on natural and human systems. Increased frequency of droughts, change in temperature, critical conditions of water resources and reduced agricultural production are its few visible examples. Climate change has closed links with water, Agriculture and food Security and creating regional imbalance. Developing countries like India is more vulnerable to these extreme conditions. Ecosystem strategy favors the integrated management of land, water and natural resources and promotes conservation and sustainable use in a balanced and equitable ways through setting the ways and principles for Ecosystem-based Adaptation to reduce the impacts of climate change and increase resilience to future impacts Adaptation approaches are wide-ranging, focuses on the role of communities, infrastructure to reduce the risk of extreme events, proper policies and governance, capacity building, sustainable use of resources, small farm watershed based Agricultural and Water Management; Integrated watershed Management Approaches; Integrated Agricultural farming systems. River Ecosystems; Assessment and Monitoring of the resources and contributes to biodiversity conservation. The 8th National Conference focusses on various ecosystem issues leading to achieve various sustainable development Goals through ecosystem planning strategies.



Conference Themes

Integrated Water Resource Management

State of the water resource, Assessment and Monitoring; Regional water budgeting; Critical areas of Agricultural Water Management and systems for Water Management; Ecosystem restoration and assuring water availability through infrastructure such as reservoirs or water channels; Integrated Water Resource Management (IWRM), recognizing the important role of watersheds, forests and vegetation associated to the regulation of water systems; Water Supply Sanitation and Health; water valuation is in demand management and better allocation.

Ecosystems

Our rivers, wetlands and Communities; Freshwater ecosystems; Biodiversity conservation, species, habitats, ecosystem functions. Establishment and effective management of protected areas to ensure the provision of ecosystem services.

Food and agriculture

Integrated Farming Systems, Agro-ecological based production systems; Agro forestry systems; Organic agriculture; Hill farming; Production through Allied sectors: Animal Husbandry, Dairying and Fisheries

Climate change

Impact of climate change on water cycle, Climate variability and change Assessments; land degradation and Management, migration, demographic pressure, uncontrolled urbanization, poverty, negative pressures on water and agriculture; growth and yield response of various crops; Climate Change adoption and mitigation strategies for agriculture and water Management. Hydrological models.

Uncertainty and risk

Floods, Droughts, disasters, land Slides, excess runoff, Soil, Water and Wind erosions; Risk in Agriculture: Production risk, Price risk, Credit and Market risk, weather and disaster related risk, Policy risk. Dryland farming

Governance

Groundwater Governance: Depleting levels, deteriorating quality, access to reliable and affordable electricity; Key Environment Management Challenges: Rivers, forests, biodiversity, flood plains, watersheds, little effort to understand ecosystem level ramifications; Water Pollution; Floods and Droughts; Equity and Distribution; Corruption contractor-engineer-bureaucrat-politician nexus; Water Supply and Sanitation: water Demand and quality management; Food Production: Cropping patterns, equity, distribution
Constitutional provisions; Legal Framework: Institutional Mechanism; Key institutions and their functioning; Planning and decision making processes; Democratic elements in the process including transparency, accountability, decisive participation of the people on ground.

Knowledge and capacity building

Water and Agriculture Education and Entrepreneurship development; Participatory Training and Extension; Transfer of technology; Empowerment of farmers; Application of Information and Communication Technology; trainings for Livelihood;

Call for Paper

Summary paper of three pages (2000 words) is invited by the presenters.

Important Dates

Early Birds Registration (free for first 100 delegates till April 30, 2021

Registration after April 30th 2021, chargeable INR 500/- per delegate.



Certificates

The delegates/ presenters may receive their certificates on payment of INR 500/- before May 30, 2021.

Awards

River Water User Association (India) offers number of RiverCon21 National awards.

Interested delegates may apply for the awards by sending an email at Riversummit2019@gmail.com before April 30, 2021, for application format and requisite information on awards.

Organizing Committee

Advisors

Prof. (Dr.) Gyanendra Singh,

Former ADG, ICAR and Ex. Vice Chancellor, MGCGVV, Chitrakoot, M.P.

Mr. Mahendra Mehta,

Ex. Commissioner, Ministry of Water Resources, GOI, New Delhi.

Prof. (Dr.) Marvin Massey,

Ex. Principal, Ewing Christian College, Allahabad, U.P.

Rev. J.P. Singh,

Member Minority Commission, Uttrakhand.

Chairman Organizing Committee

Prof.(Dr.) Rajendra Kumar Isaac,

President, River Water User Association (India)-IRDRA

Organizing Secretary

Monisha Isaac,

Director, Institute of Rural Development and Research, Allahabad, U.P.

Member Organizing Committee

Prof. (Dr.) K.N. Bhatt, *Professor, GBPSSI, University of Allahabad, U.P.*

Prof. (Dr.) Amarjeet Singh, *Professor, MGCGVV, Chitrakoot , M.P.*

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Prof. (Dr.) Shashikant Tripathy. *Professor, MGCGVV, Chitrakoot, M.P.*

Dr. Om Hari Singh, *Ex. Principal, Govt. Polytechnic, Mirzapur, U.P.*

Dr. R.S. Yadav, *Principal Scientist, IIRS, Lucknow , Allahabad, U.P.*

Dr. S.S. Hasan, *Principal Scientist, IISR-ICAR, Lucknow, U.P.*

Dr. A.K. Pathak, *Sr. Scientist, NBFGR-ICAR, Lucknow, U.P.*

Dr. Ajit Kumar Verma, *Senior Scientist, CIFRE, Mumbai, Maharashtra*

Dr. Shakir Ali, *Principal Scientist, IIDLR-ICAR, Jodhpur, Rajasthan*

Dr, B.D. Das, *Executive Engineer, Department of Ag Engg, Odissa*

Prof. (Dr.) Amitabha Kar, *Ex Professor, N.D. University Faizabad, U.P.*

Dr. R.K. Srivastava, *Ex. Director, CIFRI, Lucknow, U.P.*

Prof. (Dr.) Alok Dwivedi, *Director, Excellence of Academia, U.P.*

Prof. (Dr.) Joe Dobson, *Professor, SHUATS, Allahabad, U.P.*

Dr. Govind Singh, *Assistant Professor, MGCGVV, Chitrakoot , M.P.*

Dr. Narendra Kumar Gupta, *Assistant Professor, SHUATS, Allahabad, U.P*

Dr. Dinesh Singh, *Associate Professor, TEERI, Gazhipur, U.P.*

Prof. (Dr.) Amit Sinha, *Professor and Head, CSIT, ABES College, Noida, U.P..*

Imran Khan, *Dept. of Irrigation and Drainage Engg. SHUATS, Allahabad U.P.*

Vineet Sharma, *Dept of Computer Science, SHUATS, Allahabad, U.P.*

Atul Kumar, *Dept. of Irrigation and Drainage Engg., SHUATS, Allahabad , U.P.*

Contact details

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