



Inviting to submit Abstract for online or in person presentation
Email: worldcongressindia@gmail.com
Website: <https://www.ribaf.org/worldcongress2023/>

2nd World Congress 2023
Water, Agriculture and Climate
November 23-26, 2023 at Prayagraj, U.P. INDIA

Managing Risks and Disasters

Inviting Keynote on following Theme areas
A. Understanding Risks and Disasters
B. Building Resilient Communities and Infrastructure
C. Disaster Preparedness and Response in Agriculture
D. Sustainable Agriculture and Resilient Food Systems
E. Stakeholder Engagement, Collaboration, Governance and Policy
You may send abstract and your Profile at Email: rwuaconference@gmail.com

Organized by
International River Basin Foundation
World Council of Professionals and Industries

2nd World Congress
on Water, Agriculture and Climate
November 23-26, 2023. Prayagraj (U.P.) India.

Managing Risks and Disasters: Building Resilience for a Sustainable Future



Congress Themes Description



Managing Risks and Disasters: Building Resilience for a Sustainable Future

2nd World Congress on Water, Agriculture and Climate presents the conference theme "Managing Risk and Disaster in Water, Agriculture, and Climate." This timely and crucial theme explores the interconnections between water resources, agriculture, and climate change, focusing on effective strategies for risk management and disaster preparedness. The conference invites researchers, practitioners, and policymakers to share their insights and experiences on topics such as water scarcity, drought resilience, sustainable agriculture practices, climate adaptation, and disaster response. By fostering interdisciplinary dialogue and collaboration, the conference aims to enhance understanding, promote innovative solutions, and pave the way towards building resilient and sustainable systems in the face of water-related risks, agricultural challenges,

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

Themes

Theme1: Understanding Risks and Disasters

Theme 2: Building Resilient Communities and Infrastructure

Theme 3: Disaster Preparedness and Response in Agriculture

Theme 4: Sustainable Agriculture and Resilient Food Systems

Theme 5: Stakeholder Engagement, Collaboration, Governance and Policy





Theme1: Understanding Risks and Disasters

The theme aims to explore various aspects of risks and disasters, including natural hazards, climate change impacts, human-induced risks, and their consequences on communities, ecosystems, and infrastructure. We encourage submissions that focus on risk assessments, disaster modeling, vulnerability analysis, early warning systems, and innovative strategies for disaster management and preparedness.

Contributions may cover interdisciplinary perspectives, case studies, theoretical frameworks, and empirical research related to understanding risks and disasters. We also encourage papers that explore the role of technology, data analytics, and policy interventions in mitigating and managing risks effectively.

- Climate crisis; Natural disasters due to Climate Change; Regional Climate assessments
- Climate Change and Disaster Risk: Interlinkages and Implications.
- Water Scarcity, Drought and floods: Adapting to Changing Hydrological Conditions
- Surface and Groundwater contamination; Agro chemical Impacts on water system; Impact of contamination on fisheries
- Water Quality and Pollution: Addressing Contamination and Ensuring Safe Water Supply
- Climate Change and Agriculture: Adapting to Changing Conditions and Extreme Weather Events
- Pest and Disease Management: Strategies to Combat Emerging Threats
- Market Risks and Price Volatility: Navigating Uncertainties in Agricultural Trade





Theme 2: Building Resilient Communities and Infrastructure

The theme aims to explore strategies, approaches, and case studies related to building resilient communities and infrastructure to mitigate and respond to various risks and disasters. We encourage submissions that focus on resilient infrastructure design, community-based disaster management, risk assessment and reduction, and innovative solutions for enhancing resilience.

Contributions may cover topics such as resilient urban planning, climate adaptation measures, community engagement and empowerment, infrastructure resilience in the face of natural hazards, and the integration of technology and data analytics in building resilience.

- Disaster Risk Reduction: Strategies, and Best Practices
- Resilient Infrastructure and Urban Planning: Adapting to Changing Risks
- Sustainable and resilient practices and mitigation strategies for agriculture, livestock and aquaculture and horticultural crops
- Disaster risk in agriculture value chain and Challenges and risk of agribusiness
- Sustainable Soil Management: Enhancing Soil Health and Nutrient Management
- Crop Diversity and Resilient Varieties: Promoting Climate-Resilient and High-Yielding Crops
- Precision Agriculture and Digital Solutions: Leveraging Technology for Enhanced Resilience
- Water Resource Management: Assessments, Monitoring, River Basin Plans, Watershed Management,,
- Integrated Water Resource Management: Efficient Irrigation and Drought Mitigation Strategies
- Nature-Based Approaches to Water Management; Strategies for Sustainable Water Supply and Sanitation





Theme 3: Disaster Preparedness and Response in Agriculture

The theme aims to explore strategies, practices, and case studies related to mitigating risks, enhancing resilience, and improving response mechanisms in agriculture when faced with disasters. We encourage submissions that address topics such as early warning systems for agricultural hazards, climate-smart agricultural practices, emergency response planning for farmers, post-disaster recovery and rehabilitation in the agricultural sector, and innovative approaches to safeguarding food security during disasters.

- Early Warning Systems for Agriculture and Water-Related Disasters: Timely Information and Decision-Making
- Strengthening Extension Services: Building Capacities for Disaster Preparedness and Recovery
- Emergency Water Supply and Sanitation: Ensuring Access to Safe Water during Disasters
- Resilient Coastal Zone Management: Adaptation to Sea-Level Rise and Storm Surges
- Case Studies and Best Practices for disasters.





Theme 4: Sustainable Agriculture and Resilient Food Systems

The theme aims to explore strategies, innovations, and case studies related to sustainable agriculture, including agroecology, organic farming, regenerative practices, and resource-efficient techniques. We also encourage submissions that address the creation of resilient food systems, such as local food production, sustainable supply chains, food security, and nutrition.

Contributions may cover topics such as sustainable farming practices, soil health and conservation, water management in agriculture, biodiversity conservation, climate change adaptation in the agricultural sector, sustainable food production and distribution, and community-led initiatives for resilient food systems.

- Climate-Smart Agriculture: Integration of Climate Adaptation and Mitigation Strategies
- Sustainable Food Production and Supply Chain: Ensuring Resilient and Efficient Systems
- Agroforestry and Ecosystem-Based Approaches: Enhancing Biodiversity and Resilience
- Engaging Smallholder Farmers: Empowering and Supporting Resilient Farming Communities





Theme 5: Stakeholder Engagement, Collaboration, Governance and Policy

The theme aims to delve into topics such as stakeholder engagement strategies, participatory decision-making processes, effective collaboration among different actors, governance frameworks, and policies for risk reduction and disaster management. We encourage submissions that address case studies, theoretical frameworks, empirical research, and innovative approaches in these areas.

Contributions may cover aspects such as inclusive governance models, policy frameworks for risk reduction, public-private partnerships, community-based disaster management, and effective stakeholder communication strategies.

- Engaging Communities: Empowering Individuals and Local Institutions
- Water Governance and Institutions: Strengthening Collaboration and Stakeholder Engagement
- Legal and Regulatory Frameworks: Managing Water Allocation and Water Rights
- International Cooperation: Strengthening Global Resilience holistic and all-hazards approach to natural disaster risk governance for resilience.





International Meet on Global Methane Partnership: Food and Agriculture Pathway.

The International Meet on Global Methane Partnership's Food and Agriculture Pathway is a crucial platform for addressing the challenges and opportunities associated with methane emissions in the agricultural sector. Methane is a potent greenhouse gas with a much higher global warming potential than carbon dioxide in the short term, making it a significant contributor to climate change. The Food and Agriculture Pathway focuses on finding innovative solutions to mitigate methane emissions from various agricultural activities while ensuring sustainable food production. Here are some key discussion points for this pathway:

Understanding Methane Emissions Sources:

- Identify and categorize the major sources of methane emissions within the food and agriculture sector, including enteric fermentation in livestock, rice paddies, manure management, and agricultural waste.

Co-Benefits of Methane Reduction:

- Emphasize the co-benefits of methane reduction, such as improved air and water quality, enhanced agricultural productivity, and increased energy security through biogas production.

Livestock Management and Enteric Fermentation:

- Discuss advancements in livestock management practices that can reduce methane emissions from enteric fermentation.





- Explore the use of feed additives, dietary adjustments, and breeding techniques to mitigate methane emissions from ruminant animals.

Synthetic Fertilizers:

- The use of nitrogen-based synthetic fertilizers contributes to emissions of nitrous oxide, another potent greenhouse gas. Implementing precision agriculture techniques, optimizing fertilizer application rates, and transitioning to organic practices can help reduce emissions.

Manure Management:

- Highlight innovative approaches for capturing and utilizing methane emitted from manure management processes.
- Discuss the benefits of anaerobic digestion and biogas production from manure as a renewable energy source.

Rice Cultivation:

- Share strategies for decreasing methane emissions from flooded rice paddies, such as intermittent flooding, alternative wetting and drying (AWD), and improved water management.

Crop Residue Management:

- Discuss sustainable methods for managing crop residues to minimize methane emissions during decomposition.
- Explore options for converting crop residues into biofuels or other valuable products.

Incentive Mechanisms and Policies

- Share successful policy frameworks, financial incentives, and market-based mechanisms that encourage methane mitigation in agriculture.
- Discuss the potential for carbon markets to provide financial benefits to farmers who adopt methane reduction practices.





Technology and Innovation:

- Showcase emerging technologies, such as methane-digesting bacteria and sensor-based monitoring systems, that can aid in methane reduction.
- Discuss the role of precision agriculture in optimizing fertilizer use and reducing emissions.

Capacity Building and Knowledge Sharing:

- Emphasize the importance of capacity building and knowledge sharing among stakeholders, including farmers, researchers, policymakers, and industry players.
- Highlight successful extension programs that disseminate information about methane mitigation practices to local communities.

Collaboration and Partnerships:

- Encourage collaboration between governments, international organizations, research institutions, and private sectors to develop comprehensive strategies for methane reduction.
- Discuss the potential for public-private partnerships to accelerate the adoption of methane mitigation technologies.

Sustainable Intensification:

- Explore the concept of sustainable intensification, which aims to increase agricultural productivity while minimizing negative environmental impacts, including methane emissions.

Adaptation to Climate Change:

- Discuss how methane mitigation strategies in agriculture can also contribute to enhancing the resilience of farming systems in the face of changing climatic conditions.





Monitoring Data Collection and Reporting:

- Highlight the importance of robust monitoring, reporting, and verification systems to track progress in methane reduction efforts.
- Explore the potential for remote sensing and satellite technology to monitor methane emissions from agricultural sources. Accurate measurement and reporting of methane emissions are crucial for tracking progress and developing effective mitigation strategies.
- Collaboration between countries, research institutions, and organizations can help improve data quality and transparency.

Policy and Regulation:

- Governments and international organizations can play a vital role in setting policies, regulations, and incentives to encourage methane emissions reduction in the food and agriculture sectors.

Engagement with Stakeholders:

- Engaging farmers, agricultural associations, researchers, and industry stakeholders is crucial for the successful implementation of methane reduction strategies. Collaboration can lead to the development of practical and effective solutions.



By addressing these discussion points within the Food and Agriculture Pathway of the Global Methane Partnership, stakeholders can work collaboratively to develop effective strategies for reducing methane emissions while ensuring food security and sustainable agricultural development.



International Meet Committee invites proposals to participate in discussion, the Title of discussion with brief summary can be submitted at the following Email:
worldcongressIndia@gmail.com

Please mention your Name, Designation, Official address, WhatsApp no. and email.





How to Participate?

Presentation Types

Holding a full virtual session

Join as Partner or sponsor the Congress

Participation

We cordially invite participation from individuals, esteemed organizations and Industries in the four days event. 2nd World Congress will be attended by large number of Academicians, Scientists, research scholars, students, Company and NGO representatives from India and Abroad. Online or in person presentations and discussions.

You may participate to deliver

- Expert talks, Presentations, Poster Presentations, Lead Presentations and Keynote Address, Plenary Presentations, Join Panel Discussions or may interact to discuss your research, Case studies, Opinions and thinking on the mentioned themes You may participate to interact and to show your interest to provide solutions for world's most important problems or
- Just attend the Summit for promotion of your company.
- University Departments colleges and organization may request us for special session for online or in person presentations or discussions.
- Company or Industries may request us to provide special time slot or special session online or in person, to present your company profile or products.





Submission of Abstract

Abstract will be submitted through the email: WorldCongressIndia@gmail.com

Important Dates

Abstract Submission Opens	August 01, 2023
Abstract Submission Closes	October 15, 2023
Pre- Registration opens(Without Payment)	August 01, 2023
Registration Opens(Online/Offline both)	August 01, 2023
Registration Opens	August 15, 2022
Registration Closes for offline	November 05, 2023
Registration Closes for virtual session	November 20, 2023
Abstract Acceptance	October 25, 2023

SUBMISSION OF SHORT PAPER (2 -3 PAGES SUMMERY)

Submission of Short Paper Closes November 05, 2023
(For. Proceeding)



SUBMISSION OF EXTENDED PAPER (5 -15 PAGES)

Intimation for selection of paper for Journal. or Book, December 05, 2023
Submission of Full Paper Closes December 30, 2023
(For Journal/ Book)

SUBMISSION OF POWER POINT PRESENTATION NOVEMBER 20, 2023



Registration Fee

Registration Fee (For Indian participants)

	In person		Online	
	Attendees	Present-er	Attendees	Presenter
Faculty and Scientists (Non Member)	INR 5000/-	INR7000/-	INR 2000	INR 4000
Faculty and Scientists (Member)	INR 4000/-	INR 5000/-	INR1500/	INR 3000
Student (Non Member)	INR1500/	INR2000/-	INR 800	INR1500/
Student Technical Member RWUA-I	INR1000/-	INR1500/-	INR 500	INR1000/-
Organization or Institution with two participants	INR20000/-	INR30000 /-	INR10000/-	INR15000/-



Fee submission details will be made available at the registration form available at website



Registration Fee (For International participants)

*Participants from Nepal, Bhutan, Pakistan, Bangladesh, Sri Lanka and the countries having lower currency rates from India may write to us for subsidized rate

	In person		Online	
	Attendees	Presenter	Attendees	Presenter
Faculty and Scientists (Non Member)	USD 300/-	USD 350	USD 200/-	USD 250
Faculty and Scientists (Member)	USD 250/-	USD 300/-	USD 150/-	USD 200-
Student	USD 200	USD 200/-	USD 100/-	USD 150/-
Student Technical Member RWUA-I	USD 150	USD 150/-	USD 50/-	USD 100/-
Organization or Industries with two participants*	USD 800/-	USD 1000/-	USD 500/-	USD 600/-

*Presentation time of 30 minutes will be allotted to Organization or Industry



Fee submission details will be made available at the registration form available at website



Pre-Register Online (Google form Link)

<https://forms.gle/9SnPgvRj92gRExrL8>

Submit yours abstract at

Email: worldcongressindia@gmail.com

Or

Download the template from the website :

<https://www.ribaf.org/worldcongress2023>





Holding a full virtual session

Proposals are invited from Institutions, Industries and Individuals to hold a virtual session or in person session. The proposals with Theme area, Number of Registered participants, Number of presenters and time slab required may be submitted to the organizing chair with the suggested name of session chair at the Email: WorldCongressIndia@gmail.com ; before October 31st ,2023.

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Join us in shaping the future of sustainable water management, agriculture, and climate resilience. Your support as a sponsor will contribute significantly to the success of this influential global event.

We look forward to partnering with your organization for the World Congress on Water, Agriculture, and Climate.

Congress Website

www.ribaf.org/worldcongress2023

International River Basin Foundation (WCPI)

Prayagraj, U.P., India



River Water User Association (I), IRDR

Prayagraj, U.P., India

<https://www.rwua.org.in>

