

2nd World Congress on Water, Agriculture and Climate

November 23-26, 2023. Prayagraj (U.P.) India.

Global Methane Partnership: Food and Agriculture Pathway



International Meet



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 methanedigesting 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:

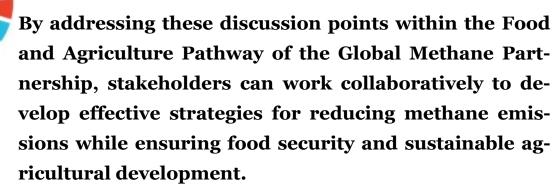
- Highlight the importance of robust monitoring, reporting, and verification systems to track progress in methane reduction efforts.
- Explore the potential for remote sensing and satellite technology to monitor methane emissions from agricultural sources. Accurate measurement and reporting of methane 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.







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 Abstract Submission Closes	August 01, 2023 October 15,2023
Pre- Registration opens(Without Pay-	August 01, 2023
Registration Opens(Online/Offline	August 01, 2023
Registration Opens	August 15, 2022
Registration Opens Registration Closes for offline	August 15, 2022 November 05,2023
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Registration Closes for offline	November 05,2023

SUBMISSION OF SHORT PAPER (2 -3 PAGES SUMMERY)Submission of Short Paper Closes(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 pe	rson	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 Indus- tries 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.iribaf.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.iribaf.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

