



**International Workshop on
“Implementation of the
Water-Energy-Food (WEF) Nexus
at different scales
for Socio-Economic Development”
13 October 2026, Marseille, France**

Call for papers



Marseille, France

<https://icidcongress2026.org/>

Call for Papers

The Workshop is being organized by the ICID's Working Group on Water Food Energy Nexus (WG-WFE_N) as part of the 26th ICID International Congress and 77th International Executive Council and will be held on October 13, 2026, in Marseille, France. The Workshop is jointly Organized with FAO, IWMI and ICARDA.

I. Background

Water, energy and food are highly interconnected and critical to food security, poverty reduction, livelihoods, climate adaptation and mitigation, environmental and human health and biodiversity at different scales. Similarly, the Sustainable Development Goals (SDGs) have interdependence across goals and are linked to water, energy, food, and ecosystems. There is an urgency to adopt systematic approaches that can accelerate the implementation of the SDGs. However, governments, stakeholders, and investors are challenged to manage the water-energy-food-ecosystems nexus because of the complexities across the systems.

The nexus can be applied at different scales from city to region to national and transboundary scales. At the same time the benefits also depend on the scale of application.

Thus, there is a need to understand and identify trade-offs and synergies across systems and scales to mitigate maladaptation and unintended consequences that jeopardize sustainability. For example, groundwater abstraction is critical for food security, but its overexploitation can inadvertently cause resource degradation, reduce water access and undermine ecosystem health. Identifying and understanding such tradeoffs, the WEF Nexus could be an efficient approach to sustainable socio-economic development.

The incorporation of the socio-economic and cultural aspects in addition to technical approaches within the nexus is necessary. It is also important to highlight farmers' perspectives: reducing farmers' vulnerability, improving their income, and allowing resource savings within the nexus application.

The session will highlight the interrelations of SDGs and how they are linked to the WEF Nexus. This aims to develop an inclusive and integrated governance framework that drives towards the realization of the SDGs. The session will also discuss the application of interactive modelling tools in basins of significant relevance. The session will further focus on policy and governance mechanisms for implementing WEF solutions.

Objectives

The specific objectives are to present:

1. The impact and benefits of the WEF Nexus at different scales.
2. Approaches to bridge the gap between science, policy, and global initiatives within the WEF Nexus.
3. Solutions to integrate the socio-economic, cultural and technical aspects approaches within WEF Nexus.
4. WEF Nexus and farmers' perspectives: reducing vulnerability, improving income, and allowing resource savings.
5. The current WEF Nexus models and frameworks, how they can inform decision-making, and how to implement the WEF Nexus innovations and solutions.
6. WEF Nexus framework towards the realization of the SDGs.
7. The application of trade-offs and tools to assess the WEF Nexus index in basins.
8. Institutional and governance mechanisms to implement WEF solutions: WEF policy scenarios & operationalizing WEF Nexus.
9. Renewable energy for irrigation within the WEF Nexus in agriculture.
10. Women participation in WEF-Nexus implementation

The focus will be on the examples of the application of the Nexus at different scales, the impact of Nexus application on societies, environment and ecosystems and the impact of Climate Change on the WEF-Nexus.

The papers should show examples of application and must include the three elements of the Nexus: Water, Food and Energy. Papers addressing one or two elements of Nexus will not be accepted.

Workshop Format: No online virtual participation is available; participation is only by physical presence.

- **Presentations of full papers**
- **Poster session to encourage the participation of students and young professionals.**

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Abstracts/papers are invited and encouraged from professionals, researchers, experts, practitioners, managers, policymakers and students. ***The papers should show examples of application and must include the three elements of the Nexus: Water, Food and Energy.***

II. Schedule for Submission of Abstracts/ Full Papers

- i. Submission of abstracts (max. 600 words): **1 April 2026**
- ii. Abstract acceptance & invitation to submit full paper: **21 April 2026**
- iii. Deadline for Submission of Full Papers (max. 10 pages of A-4 size): **21 June 2026**
- iv. Notification of acceptance of full papers: **1 August 2026**

Registration and travel Information are available at:
<https://icidcongress2026.org/registration/>

Speakers Photos during
the Nexus Workshop-
2024, Sydney, Australia
(top) and 2025 Kuala
Lumpur, Malaysia (bottom)



**Coordinators:**

Prof. Dr Ragab Ragab, Workshop Chairman, President Hon. ICID and Chairman of the Working Group on “Water-Energy-Food Nexus” and Fellow at UK Centre for Ecology & Hydrology, UKCEH, UK (E-mail: ragab@icid.org)



Dr. K. Yella Reddy, Vice President Hon. ICID and Vice-Chair of the WG on Water Energy-Food Nexus” & Officer on Special Duty, Government of Andhra Pradesh, India (E-mail: yellark@gmail.com)



Dr. Ming-Che HU, Professor, Department of Bioenvironmental Systems Engineering, National Taiwan University. Secretary of the ICID WG-Nexus. mchu@ntu.edu.tw



Dr. Sikka, Alok (IWMI-Delhi), Country Representative - India and Bangladesh / Senior Fellow at International Water Management Institute (IWMI), A.Sikka@cgiar.org



Dr Mohamed AlHamdi, Senior Water and Land Officer for the Near East and North Africa. Food and Agriculture Organization of the United Nations (FAO) mohamed.alhamdi@fao.org



Prof. Vinay Nangia, Ph.D. Research Program Leader – Soil, Water, and Agronomy, International Center for Agricultural Research in the Dry Areas (ICARDA), Rabat, Morocco. V.Nangia@cgiar.org

“Implementation of the Water-Energy-Food (WEF) Nexus at different scales for Socio-Economic Development”

October 13, 2026, in Marseille, France

Name (Mr/Ms/Dr):.....

I would like to present a paper []

Position:.....

a poster []

Organization:.....

Entitled:

Full Address:

City:

Postal Code:

Country:

Tel.:

E-mail:

Note: E-mail these details and a 600 word abstract (as a WORD file) as soon as possible and not later than **1 April 2026** to PH Ragab Ragab at ragab@icid.org with CC to VPH Dr. K. Yella Reddy Vice Chairman of the WG -Nexus at yellark@gmail.com and to Dr. Ming-Che HU, Secretary of the WG-Nexus. mchu@ntu.edu.tw and to ICID Central Office at icid@icid.org



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