



26<sup>th</sup> ICID  
INTERNATIONAL  
CONGRESS  
77<sup>th</sup> IEC MEETING

**Extended Call for Papers**

**International Workshop**

**on**

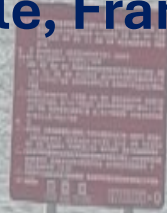
**Climate-Resilient Coastal Irrigation  
and Groundwater Management under  
Land Subsidence and Salinization  
Risks**



**13 October 2026**



**Marseille, France**



# Extended Call for Papers

The Workshop is being organized by the ICID's Working Group on Sustainable Coastal Environment Regeneration (WG-SCER) as part of the 26<sup>th</sup> ICID International Congress and 77<sup>th</sup> International Executive Council and will be held on **October 13, 2026**, in Marseille, France. The Workshop is jointly Organized with NCKU and CTCID and will invite ITAL-ICID, JNC-ICID, MNCID, INACID, and THAICID.

## BACKGROUND

Coastal zones across the world are experiencing mounting pressures from combined stressors: climate change-driven sea level rise, groundwater over-extraction, land subsidence, saltwater intrusion, and increasing water demand from agriculture and urbanization. These pressures threaten irrigated agriculture, which produces nearly 40% of the world's food on only 20% of cultivated land and endangers freshwater security in low-lying deltas, estuaries, and coastal plains.

Sustainable regeneration of coastal irrigated agriculture requires integrated management of groundwater and surface water, coupled with innovative monitoring, evidence-based governance, and nature-based solutions. The WG-SCER of ICID organizes this International Workshop to convene global experts, practitioners, researchers and decision-makers to exchange knowledge and co-develop actionable solutions for climate-resilient coastal irrigation and groundwater management.

## OBJECTIVES

The workshop aims to:

- Assess integrated approaches for managing groundwater and surface water in coastal zones exposed to land subsidence, salinization, and sea level rise.
- Share evidence and tools for monitoring and mitigating land subsidence in irrigated and

urbanizing deltas (e.g., InSAR, GNSS, hydrological and geotechnical modelling).

- Evaluate strategies for preventing and managing groundwater salinization, including conjunctive use of freshwater, treated wastewater, and desalinated water in coastal agriculture.
- Showcase nature-based and hybrid solutions for coastal environment regeneration, including eco-deltas, managed wetlands, green–grey infrastructure that support food security, biodiversity, and community resilience.
- Foster collaboration among researchers, irrigation and drainage professionals, water utilities, coastal managers, policymakers, and civil society to advance climate-resilient and low-carbon coastal water management.

## THEME / SUB-THEMES

### Main Theme

Climate-Resilient Coastal Irrigation and Groundwater Management under Land Subsidence and Salinization Risks

### Sub-themes

- I. Agro-ecological transition in coastal irrigated agriculture under climate change.
- II. Integrated groundwater–surface water management and allocation in coastal zones.
- III. Assessing and mitigating land subsidence in irrigated and coastal regions.
- IV. Preventing and managing groundwater salinization in coastal aquifers.
- V. Nature-based and hybrid solutions for coastal environment regeneration.
- VI. Digital innovation and decision support for coastal water management under climate change.

**WORKSHOP FORMAT:** The workshop will feature oral and poster presentations, as well as a panel discussion linked to the workshop theme and sub-theme.

## Extended Call for Papers



### SCHEDULE FOR SUBMISSION OF ABSTRACTS / FULL PAPERS

Milestone	Date
Submission of abstracts (max. 600 words)	31 May 2026
Notification of acceptance	15 June 2026
Submission of full papers (max. 10 pages, A4 size)	15 July 2026
Notification of acceptance of full papers	31 July 2026

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



**WG-SCER International Workshop on Groundwater Development and Management in Coastal Zones:  
Addressing Land Subsidence and Salinization Risks during WIF 4, 2025, Kuala Lumpur, Malaysia**

# Extended Call for Papers

## Workshop Coordinators



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## CONTACT-COORDINATES

E-mail these details and a 600-word abstract (as a WORD file) as soon as possible and not later than 30 April 2026 to Dr. Ruey-Chy Kao at [sigmayk@gmail.com](mailto:sigmayk@gmail.com) with CC to VPH Dr. Nor Hisham Bin Mohd Ghazali, [hisham.ghazali@gmail.com](mailto:hisham.ghazali@gmail.com) , Er Paavan Kumar Reddy Gollapalli, [paavankrg@gmail.com](mailto:paavankrg@gmail.com) and to ICID Central Office at [icid@icid.org](mailto:icid@icid.org) .