



INBO

International Network
of Basin Organizations

World Basin Summit

COOPERATIVE BASIN GOVERNANCE FOR WATER SECURITY

Support:

Organization:

Realization:

WORKSHOP

Integrated Sediment Transport Management in River Basins

Tuesday
16 June 2026

9.40 – 11.10



ROOM 3.1

Organizers:
IAHR • INBO • ICOLDPart of the 13th World Water Basin Summit (INBO),
16–19 June 2026

Theme: Cooperative basin governance for water security

Sediments shape river morphology, flood and erosion dynamics, ecosystems, and infrastructure. This interactive session explores integrated sediment transport management at basin and river-reach scale.



Key messages

- ✓ Sediment management as a core element of integrated river basin governance
- ✓ Practical experiences and case studies across basin and reach scales
- ✓ Dialogue between science, policy, and practice
- ✓ Tools, barriers, and enabling conditions for implementation



Session format

Interactive co-construction session with structured inputs, case studies, and discussion among practitioners and decision-makers.



Who should attend?

River basin organizations, water authorities, decision-makers, technical experts, and international organizations.

HEALTHY
ECOSYSTEMSRIVER
MORPHOLOGYSEDIMENT
DYNAMICSRESILIENT
INFRASTRUCTURECOOPERATIVE
GOVERNANCE



Integrated Sediment Transport Management in River Basins

13th World Water Basin Summit (INBO) • 16–19 June 2026 • Rio de Janeiro, Brazil

Theme: *Cooperative basin governance for water security*



Context and objectives

This workshop is part of the 13th World Water Basin Summit (INBO), to be held from 16 to 19 June 2026 under the theme: *'Cooperative basin governance for water security'*.

The workshop focuses on sediment transport management at basin and river-reach scale, recognizing the role of sediments in shaping river morphology, flood and erosion dynamics, ecosystems, and infrastructure.

The session will connect science, policy, and practice, supporting the INBO–IAHR–ICOLD collaboration, the 'Road to Bari' process, and the forthcoming INBO handbook on sediment transport management at basin scale.



Programme

9:40

Welcome & introductions

Mr. Tom Soo, Executive Director, International Association for Hydro-Environment Engineering and Research

9:45

Keynote messages

Mr. Tetsuya Sumi, Professor of Kyoto University, Japan and vice president of ICOLD and Charing Asia Pacific Club

10:00

Presentations

Moderator: Mr. Tom Soo, Executive Director, International Association for Hydro-Environment Engineering and Research

- Mr. Wang, Yellow River
- Mr Emilio Real Llanderal, Head of Technical Section, Júcar River Basin Authority,
- Astrid Sotomayor Chavez, Programme Management Officer, Freshwater Ecosystems and Wetlands Unit, UN Environment Programme, UNEP

10:40

Panellists' discussions and Q&A Session

Moderator: Mr. Tom Soo, Executive Director, International Association for Hydro-Environment Engineering and Research

- Mr. Wang, Yellow River
- Mr Emilio Real Llanderal, Head of Technical Section, Júcar River Basin Authority,
- Mr. Tetsuya Sumi, Professor of Kyoto University, Japan and vice president of ICOLD and Charing Asia Pacific Club
- Astrid Sotomayor Chavez, Programme Management Officer, Freshwater Ecosystems and Wetlands Unit, UN Environment Programme, UNEP

11:10

Conclusion

Dr. Eric Tardieu, Secretary General, International Network of Basin Organizations (INBO)