

Save the Date

Training Workshop on “River Basin Sediment Monitoring and Management”

*Joint Workshop of two UNESCO Category 2 Water Centres;
The International Centre for Water Resources and Global Change (ICWRGC) and
The International Research and Training Centre on Erosion and Sedimentation (IRTCES),
in collaboration with the German Federal Institute of Hydrology (BfG) and the International Sediment Initiative (ISI)*

Date: September 7 – 11, 2020

Venue: Federal Institute of Hydrology, Koblenz, Germany

Organizer: International Centre for Water Resources and Global Change (ICWRGC, UNESCO Cat. 2 Centre), German Federal Institute of Hydrology, International Research and Training Centre on Erosion and Sedimentation (IRTCES, UNESCO Cat. 2 Centre)

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Workshop description:

The workshop on River Basin Sediment Monitoring and Management focuses on training and capacity building with a focus on:

- Monitoring sediment dynamics in relation to (planned) river or reservoir management,
- Evaluation of monitoring results in terms of impact analysis and management and
- Communication and outreach of expert knowledge on sediment dynamics to support sustainable sediment management solutions, which highlight the need for integrated river basin management plans.

The workshop aims to provide knowledge on sediment measurement and monitoring, how to transfer measurement and monitoring results to management solutions, how to improve current sediment management strategies to find sustainable solutions and how to evolve from local river management to integrated landscape management. Please note: The focus of this workshop is set on monitoring and managing larger rivers rather than issues associated with monitoring small streams, managing headwater catchments and soil conservation. As an add-on we demonstrate the value of data exchange with a focus on sediment data and the benefits for global sediment databases of, inter alia, ISI and the UN's Environment Program.

The workshop overview:

Day	Program
6 Sept.	Arrival of participants in Koblenz
7 Sept.	Keynote talks on “The importance of sediment monitoring and river basin management” and introductions of participants
8 Sept.	Introduction to monitoring techniques and field class “Hands on sediment monitoring techniques”
9 Sept.	Introduction to sediment data analysis and lab course “Hands on sediment data analysis”
10 Sept.	Overview of global sediment databases and group work.
11 Sept.	Presentations by participants and departure (afternoon)

This training workshop is applicable to participants who:

- Have a background in Geosciences (hydrology, geography, etc.), Civil Engineering or related disciplines.
- Work on sediment transport related topics in large river basins in their current or future job.
- Need training and support to learn more about sediment monitoring techniques, sediment data analysis and large river basin management.
- Are interested to provide and work on sediment data from their own region during the workshop.

Key dates:

- **Mid of February:** Save the Date circular
- **End of February:** Official invitations and registrations open
- **End of March:** Registration deadline for participants
- **First week of May:** Selected participants will receive confirmation of participation
- **May-September:** Time to arrange Visa, booking Hotel and Plane tickets
- **7-11 September:** Training workshop in Koblenz, Germany