



**REMOTE SENSING  
APPLICATIONS IN  
RIVER SEDIMENT  
RESEARCH**

Online, free of charge

**18–21 February 2025**



Dear hydrologists,

We are very pleased to announce an upcoming webinar series titled "**Remote sensing applications in river sediment research**" organized by International Commission on Continental Erosion (ICCE) of the International Association of Hydrological Sciences (IAHS). Whether you're an experienced researcher or new to the field, this online school is designed to equip you with cutting-edge knowledge and practical skills in sediment measurements, estimation and modelling. We look forward to welcoming you for a week of fruitful discussions, collaborative learning, and very muddy rivers.

Kicking off with an opening session on Tuesday, 18 Feb, the school features Dr. Bennet Juhls (AWI, Germany), whose lecture on general aquatic remote sensing in Arctic/permafrost landscapes sets an inspiring tone. On Wednesday, 19 Feb, Prof. Sergey Chalov (LMSU, Russia) will introduce remote sensing modelling of large river suspended sediment transport—highlighting innovative Google Earth Engine tools and applications. Thursday's program (19 Feb) continues with Dr. Alexander Osadchiv (Institute of Oceanology, Russia), presenting satellite monitoring and numerical modelling of river-borne sediments in coastal seas, followed by Dr. Anirban Mukhopadhyay (Kazimierz Wielki University, Poland), who will explore the geo-dynamics of the Ganges River through remote sensing. The series concludes on Friday, 19 Feb with Prof. Edgardo Latrubesse (Federal University of Goiás-UFG-Brazil) demonstrating the application of remote sensing in hydro-geomorphic studies of large rivers.

The webinar will take place on **Tuesday 18th February — Friday 21st February, starting at 10 am MSK (7.00 UTC)**. Details of the presentations and schedule is attached, and info for this and other webinars can also be found on the website [here](#).

The event will be on Zoom, and to join you will need to register (for free) with the Google Forms. We will send you a Zoom link ahead of the event.

[Register here.](#)

We look forward to seeing you next week!

On behalf of organizers,

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