

EMI-LT meeting

1st of September 2026, Stuttgart

EMI-LT present: Ingo, Rui A, Marie

EMI-LT present online: Ryota, Yannic, Slaven, Francesca, Rui F, Margaret.

People who could unfortunately not join from the LT: Isabella, Massimo, Manousos.

Secretary for this meeting: Marie

1. Information

Previous full session EMI-LT meeting was 27/02/2026

An intermediate meeting happened in Thessaloniki on 30/06/2026

Shared drive made available:  Drive (for now admin = Marie): Feedback?

@Marie check access with Ryota

 Deposits folder available with full edition rights to whole LT.

History of chairs of EMI made available: Resources/  EMI-LT_tenure_history

Current tenure contacts infos already available:  Tenure-2026-02-06

Reminder: 2025 report + 2026-2027 strategy:

 zzz-exported-IAHR_EMI_TCs WGs Annual Report 2025 and on [EMI website](#).

IAHR/EMI slides presentation draft:  WATER2026_EMI

Reminder: The EMI-LT members are very welcome to ask for intermediary meetings on more precise topics.

Such meetings should also be scheduled during these main meetings when a topic should be addressed in more detail (e.g. if one topic lasts more than 5').

2. Events

Reminder: @all members of the LT and committee should communicate about their initiatives for these.

2.1. Past

IAHR Europe

Present from EMI-LT: Marie, Francesca

EMI involvement:

- Special Session SS5: Special Session: Advances in Surrogate-Based Monitoring and Numerical Modeling for Reservoir Sedimentation Management
Chairs: Slaven Conevski, Kamal El Kadi Abderrezzak and Massimo Guerrero

RiverFlow

Present from EMI-LT: Manousos, Massimo, Marie, Slaven, Ryota, Rui A, Rui F, Isabella
EMI involvement:

- Manousos organised
- Special Sessions and Masterclasses and workshops:
 - Masterclass “INVESTIGATING SEDIMENT FLUXES WITH AN ACOUSTIC DOPPLER CURRENT PROFILER (ADCP)” with Massimo Guerrero, Slaven Conevski
 - Masterclass “Assessing Turbulent Flows in the lab using laser and acoustic methods” with Rui Ferreira, Rui Aleixo
 - “WUD – WORKSHOP ON ULTRASONIC DOPPLER MEASUREMENTS FOR LABORATORY HYDRAULICS AND SEDIMENT TRANSPORT” with Marie Burckbuchler
-  EMIMeeting_20260630-revised , published
<https://www.iahr.org/index/committe/1>

EGU 26

Present from EMI-LT: Yannic, Rui A, Rui F

EMI involvement:

- Organization and Convening of Session HS 9.2 Hydro-morphological processes in open water systems—numerical modeling, measurement and monitoring approaches.

2.2. Coming

W.A.T.E.R. 2026 (ongoing)

W.A.T.E.R. is the flagship event of the EMI.

LOC: Prof. Dr.-Ing. Silke Wieprecht, Dr.-Ing. Ingo Schnauder, Dr.-Ing. Robin Leister

Preliminary program, not yet available online: involvement of many neighboring institutes: BAW Wien, TUWien, BAW Karlsruhe, KIT, etc and of many instrumentation companies, as well as a very nice social program.

Following the event, a report will be prepared by LOC (see examples from past editions) to be shared in the IAHR-EMI web page.

Present from EMI-LT: Rui A, Marie, Manousos, Rui F (remotely)

EMI-LT meeting on 01/09/2026 between 17:30 and 18:30 (present document)

YPC 2026

EMI involvement:

- International Scientific Committee/Reviewers: Massimo Guerrero, Marie Burckbuchler, Yannic Fuchs, Francesca, Slaven

IAHR World 2027

Bari, Italy

EMI involvement:

- EMI meeting, open to members, report, new chair
- More to come maybe

New tenure

According to [by-laws](#)

- six to eight members including the positions of Chair, Vice-Chair and Past-Chair: currently 8
- Membership in the LT is limited to six years (three two-year terms) except for persons who serve as Chair who may serve eight years
- The LT elects biennially a new Vice-Chair who then in successive terms will be Chair and Past-Chair, respectively.
- The biennial election of two (or more, in case of additional resignations) new members of the LT is via eMP balloting of all primary and secondary Committee members.
- In addition, the LT may designate up to three Co-opted Members for each biennial term: currently 3 (Rui F, Yannic, Manousos)

EGU 27

EMI involvement:

- Organization and Convening of Session Hydro-morphological processes in open water environments—measurement and monitoring techniques

Future W.A.T.E.R.s in general

Folder available  WATERS

Includes procedure proposition and template for the call.

W.A.T.E.R. 2027

- The call was sent out by Jenny Lu on the 7th of April with deadline on the 15th of May : no official application
- Several potentials for 2027 editions:
 - University of Zagreb, Croatia/Gilja
 - Backup: TUM, Germany/Fuchs (or Lisbon if TUM becomes not available)
 - More for 2028 or 2029:
 - Thessaloniki, Grece/Manousos
 - ITB, Indonesia/Faizal I. W. Rohmat

- NTNU, Norway/Conevski
- In the end probably no:
 - University of Concepción, Chile/Link
- New call sent out on 31/08/2026 with new deadline on the 30th of September:
 - = WATER2027_OpenCall_2ndCall
- @Marie organise meeting early October to confirm next edition.

Other?

- IAHR Training Course Series
 - Reminder: The idea is: 2-3 days training, Dense, narrow subject. IAHR asks that we send proposal
 - Webinar: Joint committee initiative between EMI and flood committee
 - The flood committee has already a template for this
 - Several lecturer were already mentioned, but nothing fixed and not content with diversity of pool
 - @Rui F check = webinar_ to put information, and see if meeting should be organised additionally
- Idea of Marie: Associate webinars following publication of a monograph/white paper?

3. Written communication

3.1. White paper

- Reminder: during last meeting in February: we agreed on focusing, as the whole EMI-LT, on a white paper rather than a Monograph
- = white_paper_EMI_2026 : opinions from Ryota and Francesca
- DL: IAHR World?
- Topic: Importance of data, but what data and data for what?
- @Marie propose a separate meeting

3.2. Book

- Reminder: in the meantime, we were contacted by the first authors of the book: Experimental Hydraulics - Methods, Instrumentation, Data Processing and Management, who were contacted by Taylor & Francis. See:
 - = EMIMeeting_20260630-revised
- Current status: Margaret contacted IAHR executives and publishing and we are still waiting for their feedback: what is IAHR strategical point of view on this Tom S. is aware of the problematic and said he would answer.
- @Marie set a meeting with Massimo and Margaret, we need to decide what the current LT's opinion is about this.

3.3. Database

- Presentation about Preparing Lab/Instruments/Methods database by Ryota And Francesca
 - Ryota and Francesca are from the fluvial and coastal fields
 - Also make available software
 - Ask the labs (start with the big ones)
 - Obviously it will take some time and will necessitate human resources
 - Francesca submitted a proposal in June 2026 at NGI (Next Generation Internet) Zero Commons Fund (40k€ is the amount that can be funded. No news received yet about the call's results)
 - Showed a draft of questionnaire
 - @Francesca** make available on the Drive for the whole LT
 - Idea for sending: at events, starting with YPC
- Proposal of Rui F: create a larger group interested in this initiative, through the channel of IAHR. And check the interest in sharing these information to the community. It would be received easier if big labs are involved.
- Margaret: we should add an introduction about why and what the participants could get out of it.
- **@Francesca**: propose a meeting

3.4. AI

- Idea from Rui F: Setting up contextual deep learning tool with knowledge of EMI, including the book, to be used by the community. Seems more useful to people than a monograph
- Thought of Marie: So the tool we are looking for uses the concept of RAG (Retrieval-Augmented Generation): The user feeds them with documents (PDF, links, videos) and the IA becomes an expert based solely on these files, able to chat or even generate a podcast. And there are already a lot of these RAG tools available online (e.g. Open Notebook, AnythingLLM, NotebookLM, Podhoc, NoteLyn AI, Atlas Workspace etc). So for me the useful thing to bring to the community would more be lists of what they should feed their RAG when they want to talk about a specific topic (e.g. PIV, LDA, ADCP, Wave flume setup, etc). These bibliographical lists, theme by theme, would be made available online to IAHR members and could very easily be updated by the EMI-LT regularly.

3.5. Others?

- Monograph on ADCP: waiting for pages final organization, publishing shape already provided by IAHR; not yet available online: <https://www.iahr.org/index/detail/659#Upcoming>. Waiting for final editorial shape.
- Any ongoing or planned individual initiative for Monographs?
- An article collection at Acta Geophysica.
 - Independent of IAHR
 - Recent advances in turbulence and transport measurements and instrumentation in earth surface sciences and hydro-environment engineering

- Submission deadline: **moved to 31 October 2026**
 - <https://link.springer.com/collections/fidjjfaae>
 - Contact: Manousos
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- Social networks: is part of EMI-LT strategy for the future (see  `zzz-exported-IAHR_EMI_TC`s WGs Annual Report 2025)
 - @MB initiate annual report 2026 by November-December 2026

4. Next meetings

EMI-LT meetings:

- a) February 2027, remote
- b) IAHR World Bari 2027, present and remote, incl. EMI members
- c) W.A.T.E.R. 2027, present and remote