

End-of-year Summary 2021

Activities

- Monthly online MIA management committee (MC) meetings with active participation of most of the seniors and young water professionals (YWPs) MIA MC members.
- Quarterly online YWP MIA MC meetings including mentoring sessions by experienced water professionals (EWPs).
- Organization of internal seminars by the YWPs, wherein they present their PhD projects.
- Organization of three webinars: (1) Advancements on N₂O modelling in water resource recovery facilities, (2) Modelling water treatment resilience: decision making and resource recovery, and (3) State-of-the-art in Anaerobic Digestion Modelling.
- Keeping the contents of the [MIA website](#) and [IWA Connect](#) page up to date.
- Improving MIA visibility through MIA SG social media accounts in [LinkedIn](#), [Twitter](#), and [IWA Connect](#).
- Creation of a [YouTube](#) account for MIA where hosted webinars are uploaded.
- Sending a quarterly MIA SG newsletter.
- As part of the IWA Digital Water Programme, a number of MIA Management Committee members authored a white paper on digitalization entitled “Digital Water: Operational digital twins in the urban water sector – Case studies” which is accessible through the [IWA Publications website](#).
- Some of the MIA Management Committee members also teamed up and published an [article](#) on WRRFs’ challenges during pandemics.
- [MIA repository](#) within IWA Connect is completed with proceedings from WRRmod conference (from 2008 to 2018) and Watermatex conference (2000 to 2019), the two MIA-convened conferences.
- Welcoming of Saba Daneshgar, a new YWP affiliated to the MIA MC.
- Sending out a call for new Management Committee members – both EWPs and YWPs.
- Regular update of the status reports of TGs and WGs under the umbrella of MIA SG and keeping track of their activities through the liaison officers.
- Design and Operation Uncertainty Task Group (DOU TG), one of the TGs hosted by MIA, published their [Scientific and Technical Report](#).
- Life Cycle Analysis Working Group (LCA WG), one of the WGs hosted by MIA, is finished and published a [paper](#) on the application of LCA to wastewater treatment.
- Supporting the organization of WRRmod2021 conference which was held virtually.
- An open meeting during WRRmod2021 conference.