



Aktivitäten der IWA Familie

Development of the IWA and YWP in Poland

Progress and new technologies in the field of water and wastewater management at the international level are currently very dynamic. The National Board of IWA POLAND represents Polish interests and experience in the water and wastewater industry at the forum of the International Water Association (IWA).

The IWA Poland branch was established at the turn of 2015/2016 on the initiative of Scientists from Gdansk University of Technology (GUT): *Prof. GUT Dr Hab. Eng. Jakub Drewnowski and Prof. Dr Hab. Eng. Jacek Małkinia, at that time the Vice-Rector for cooperation and innovation at GUT, who was appointed the chairman of IWA POLAND in the first and second term covering the years 2016–2019 and 2019–2021.* Members of the IWA Poland National Committee are long-term members of IWA, who represent both the scientific community and the water and wastewater industry in the international arena. The IWA Poland Committee consists of the Chairman, Vice-Chairman, Secretary, Members of the Management Board, Audit Committee.

The main goals of the activity of the IWA Poland association include:

- Active participation in the scientific, technical and organizational activities of IWA, especially in relation to such events as symposia, congresses, conferences, seminars, workshops, etc.,
- Continuous access to knowledge and specialists through contact with Polish IWA delegates associated in various specialist groups of the Association, including the direct contact with the IWA headquarters in London,
- Appointment of delegates who represent the interests of the IWA Poland in international events organized by IWA,
- The right to report on behalf of other representatives associated or not associated with IWA POLAND the willingness to organize congresses, specialist conferences, seminars, workshops and other events under the patronage of IWA,

- Supporting the professional development of people working in the water industry, in particular those starting their professional careers (Young Water Professionals),
- Connecting experts representing the industry, academia and public utility companies in the country and on the international arena.

How to become a member of IWA Poland?

Anyone working in the water industry who wants to become involved in the work of the global community can become a member of the IWA. The membership gives you the opportunity to: access a social network dedicated to people working in the water industry (IWA Connect), participate in the work of specialist groups as well as receive discounts on events organized by the IWA and magazines and books published by the IWA Publishing. You can join the global IWA organization directly via the IWA Connect website: <https://iwa-connect.org/>, where you can also join the group of the Polish branch of IWA. More information on IWA Poland can be found at: <http://iwa-ywp.pl>

Past activities of the IWA Poland Chapter

The Management Board of IWA 'Poland plays an important role in

1) The implementation of international and national events in Poland

Since its inception, the IWA Poland has organized different conferences or supported conferences:

- Three international specialist conferences:

- IWA specialist conference „Nutrient Removal and Recovery“ (NRR), which was held for the first time in May 2015 in Gdańsk,
- IWA specialist conference „Wetlands in the control of water pollution“ in September 2016 in Gdańsk,
- IWA specialist conference „Odours“ in September 2017 in Warsaw.
- Three IWA Young Water Professional (YWP) conferences for young scientists:
 - Eastern European Young Water Professional Conference „Bridging the Gap between Academia, Industry, Services and Public Sector“, Gdansk 2016,
 - 1st IWA Polish Young Water Professionals Conference, “Water, Wastewater and Energy in Smart Cities”, Cracow 2017,
 - 2nd IWA Polish Young Water Professionals Conference, “Emerging Technologies in Water and Wastewater Sector”, Warsaw 2020.
- One seminar and one webinar for young scientists,
- Education zone during WOD-KAN Fair 2019 in Bydgoszcz – activities for YWP during the largest water-industry fair in Poland

The IWA Poland was also the patron of The Water Supply and Water Quality 2018 conference in Poznan (June 2018), organized by PZITS and the Poznań University of Technology (PUT).

Until now, each conference, organized by the IWA

& YWP Poland, was attended from 100 to over 300 delegates, representing about 50 countries around the world. More information about these events can be found on the website of IWA POLAND: <http://iwa-ywp.pl>

2) Supporting young students for a scientific career

Young Water Professionals – a group of enthusiastic young people who have a lot of willingness to face new challenges, can play a special role in future water activities. For this reason, it is important to create scientific excellence and exchange experiences with experts from the water and wastewater industry as well as international cooperation through joint projects and events.

Based on this, IWA Poland established a new format called YWP unit. This unit represents a group of young industry specialists, chaired by Prof. Drewnowski with the main goal to exchange the knowledge with experts in a given field.

To reach this goal special seminars or workshops in which small groups can discuss scientific work was built. The 1st seminar was held on June 19th of 2018 at the Faculty of Civil and Environmental Engineering of the Poznań University of Technology titled “Wastewater Treatment Plants of the Future“. The aim was to discuss the question on how wastewater treatment plants will develop in the future. Young scientists presented results of the research work on this topic and discussed it together *Prof. PUT, Dr. Hab. Eng.*



Participants of IWA 1st Polish Chapter YWPs Conference, Cracow, Poland



YWP Poland workshop during WOD-KAN Bydgoszcz 2019

Zbysław Dymaczewski (from the Poznan University of Technology), as well as Prof. Jan Oleszkiewicz (from the University of Manitoba in Canada) and Prof. Jacek Mąkinia (from the Gdańsk University of Technology). The subject of the presentation concerned mainly 3 aspects: (a) new methods of wastewater treatment; (b) closed-loop management and (c) IT tools used to support the wastewater treatment process.

Future activities of the IWA Poland Chapter

In the near future, for sure depending on the COVID pandemic there are events planned:

1) The IWA Wastewater, Water and Resource Recovery (WWRR) in April 2022 in Poznan

The conference will be under the patronage of the two IWA specialist groups „Nutrient Removal and Recovery“ & „Large Wastewater Treatment Plants“. This time, the conference returns to Poland to honour Prof. Jan Oleszkiewicz (University of Manitoba) for his long-standing contribution to the development of modern wastewater treatment technologies.

2) 11th IWA International Symposium on Waste Management Problems in Agro-Industries in October 2022 in Gdańsk

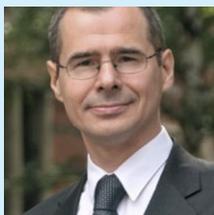
The main goal of the AGRO 2022 conference is a meeting of scientists, professionals, governmental and non-governmental institutions specializing in advanced technologies related to agro-industrial was-



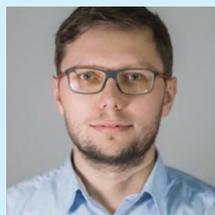
Announcement of IWA Wastewater, Water and Resource Recovery in April 2022 , Poznan

te, in particular wastewater treatment and by-product management, recovery and reuse of resources, and reduction of negative environmental impact. Every year, the agricultural industry produces huge amounts of residues that can be processed in biorefinery processes, including biofuels, food and feed ingredients, biomaterials, chemicals, heat and energy. The concept of biorefineries is one of the key elements of a circular economy concept, which is in line with the Green Deal strategy. During both events, technical sessions, poster sessions, YWP activities, and a technical tour are planned.

Board of IWA directors



Prof. Jacek Mąkinia
President of IWA POLAND



Kamil Janiak
Vice-president of IWA POLAND



Jakub Drewnowski
IWA POLAND Secretary
& Chair of IWA YWP Poland



Ewelina Kilan-Błazejewska
Vice-Chair of IWA YWP Poland



Jędrzej Byłka
Secretary of IWA YWP Poland