

# Design of Wastewater Treatment Plants



Where are the sticking points in plant design for activated sludge processes?

8 - 9 May 2018, Zagreb, Croatia



Pre-conference training to the 10<sup>th</sup> IWA Eastern European Young

## Seminar for the 10<sup>th</sup> Eastern European YWPs Conference

Register by 1<sup>st</sup> January 2018, be present on 8-9<sup>th</sup> May 2018. We would be pleased to give you a driving force with several practical advices and some useful aspects and answer your questions. **Register via <http://iwa-ywp.eu/>**

The seminar provides an overview of the requirements and different approaches for the design of activated sludge plants for wastewater treatment. The participants will understand the advantages and disadvantages of different processes and their limits of application. All participants will receive an IWA Certificate

### Seminar focal points

- Design Data Evaluation: basic statistical methods and plausibility check of operational data
- Process Selection: general comparison of different activated sludge processes (continuous vs. SBR; simultaneous vs. pre-denitrification etc.)
- Tank Design: impact of tank configuration on process (completely mixed, plug-flow, loop reactor)
- Dimensioning: static process calculation for CAPEX (construction cost) and OPEX (operation cost, discussion of peak load vs. average load, safety margins etc.)
- Operating Cost: influence of process selection on aeration, energy and consumables
- The seminar includes a site visit at WWTP Zagreb.

### Key Dates (Seminar)

1<sup>st</sup> January 2018- Seminar registration opens

1<sup>st</sup> April 2018- Seminar registration closes

8-9<sup>th</sup> May 2018 - Seminar 9:00 am - 5:00 pm  
(Central European Time, i.e. UCT+2)

### Location (Seminar)

The Design course will take place in a seminar room at the Central Wastewater Treatment Plant Zagreb.

### Registration fee\*

The seminar comes at extra cost and is separately accessible to non-delegates of the conference also.

\*The fee includes morning coffee/tea and materials, transport from the University of Zagreb to WWTP. (Lunch is not included but will be available on site.)

#### Low-income countries:

IWA member: **30 EUR**

Non IWA member: **40 EUR**

#### High-income countries:

IWA member: **50 EUR**

Non IWA member: **60 EUR**

Technical information as well as details about registration on <http://iwa-ywp.eu/>

Presented by **Gerrit Förster (International Program Committee)** and **Rene Proft (International Organising Committee)**