


Modelling in Practice in Environmental Sciences and Engineering – An Interactive Training Course



- When:** June 22-23, 2017
- Where:** Eawag, Dübendorf, Switzerland (Airport: ZRH)
- Cost:** 700 Euro for two days
- Instructors:** Prof. George Ekama* (process engineering), Prof. Eberhard Morgenroth* (biofilm/granular sludge reactors), Imre Takács, PhD (modelling)
- Conditions:** Travel and hotel costs not included. Includes a one-month Sumo© license, refreshments and lunches. Seating is limited to 25. First come, first served. 80% refundable until June 1, 2017, no refunds after that date. Registration is exchangeable within one organization.
- Who will benefit:** This is a “modelling fundamentals and advanced applications” course for wastewater process engineers who will gain knowledge how to utilize ASM-type models (including advanced whole-plant models), how do they compare to the DWA guidelines and how to customize or develop their own plant models and process units in support of their design or research projects.
- Topics covered:** Basics of dynamic process modelling. Influent characterization. Biokinetics and pH. Nutrient removal. Typical whole-plant process configurations. AB, THP, mainstream deammonification, granular sludge. Calibration/validation. DWA guidelines and dynamic models.
- Provided by:** Dynamita (www.dynamita.com) in cooperation with Eawag and UCT.
- Software used:** The , a new generation advanced modelling platform.

Contact info@dynamita.com for more information or to register for the course.

*Profs Ekama’s and Morgenroth’s role is to teach modelling principles – they do not promote one modelling platform over another.

“Correct process modelling helps the environment and saves money”