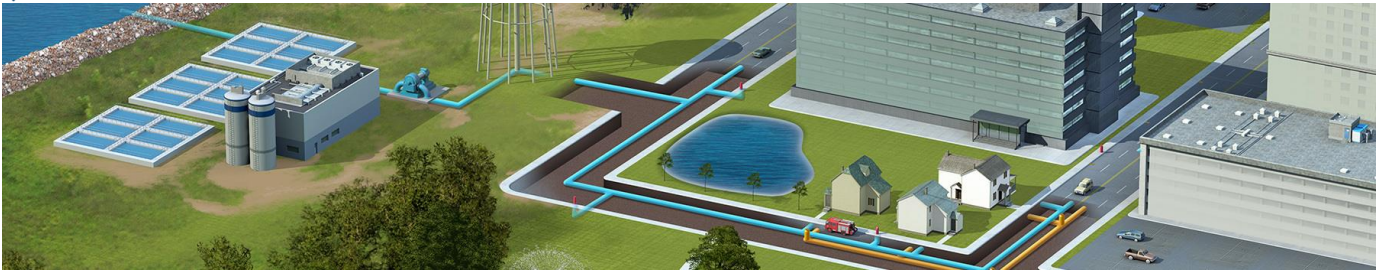


Water and Sewer Infrastructure Modelling Workshop

23-24 August 2017
Craiova, Hotel Sydney

Workshop Agenda

Water Distribution Systems	
Day 1 – Wednesday, 23 th of August	
08:30 – 08:45	Registration & Coffee
08:45 – 09:00	Welcome and opening INAS – Bentley Systems
09:00 – 9:45	Overview of the general water industry trends
9:45 – 12:45	Workshop 1 ❖ Modelling of water distribution networks <ul style="list-style-type: none"> ➤ Developing and calibrating hydraulic model from GIS and other available data ➤ Design and rehabilitation of networks ➤ Analysis of results
12:45 – 13:45	Lunch break
13:45 – 16:45	Workshop 2 ❖ Reducing Non-revenue water and water loss <ul style="list-style-type: none"> ➤ Water balance, division of network on DMAs, pressure management ➤ Active leakage detection (finding leakages hot-spots) ➤ Connecting models with Scala data for real-time leakage management
16:45 – 17:00	Coffee Break
17:00 – 18:00	Workshop 3 ❖ Analysing and optimizing pumps <ul style="list-style-type: none"> ➤ Improving energy efficiency of the networks, optimal pumping scheduling
19:30	Dinner – Hotel Sydney



Sewer Collection And Distribution Systems

Day 2 – Thursday, 24th of August

09:00 – 9:30	Overview of the general sewer and stormwater industry trends
9.30 – 12:00	Workshop 1 ❖ Modelling of sewer water distribution networks
	➤ Developing and calibrating sewer hydraulic model from GIS and other available data
	➤ Automated design of sewer and stormwater networks
	➤ Analysis of results and profiles
12:00 – 13:00	Lunch break
13:00 – 15:00	Workshop 2 ❖ Checking capacity of existing combined sewer systems
	➤ Setting up storm water events and performing hydrology runoff analysis
	➤ Capacity analysis, identify bottle-necks and improvement of the system
	➤ Low-impact development measures
15:00 – 15:15	Coffee Break
	Workshop 3 ❖ Checking pressurised water and sewer systems on water hammer risks
15:15 – 16:15	➤ Setting up the networks for performing transient analysis (water hammer)
	➤ Risk mitigation measures to protect the networks
16:15 – 17:00	Round-up. Questions & answers session & prizes Participants will receive full evaluation version of the software (2 months), training materials and electronic books.