

Goals of dex summer school

Transfer of scientific background, advanced knowledge and actual experience on methodologies and technologies for water quality management as it is required to implement European Water legislation (Water Framework Directive) and is supported by new scientific research results.

Progress in this trans-disciplinary field of expertise relies on a common professional language which will promote international human networking of (young) water professionals and enhance team working.

2014

The first dex summer school in 2009 was very successful with 27 young water professionals from 12 different countries. It was decided to repeat again the course with changes of the program in 2014.

The contents of the course covers: Advanced scientific background, actual know-ledge and practical aspects, sewer systems, modern methods and technologies for wastewater treatment, sludge-handling and waste management

Participants

Post graduate and doctoral students (civil/ environmental engineering or similar), young water professionals from consulting companies, expert companies from all of Europe.

Special emphasis on young professional. from the new EU and accession countries in Central and Eastern Europe (sponsoring of fee is possible with a separate application supportet by the home Prof.) Max.~25 participants .

Sixth dex summer school

2014

Rottenbach / Austria

Advanced course on waste water treatment

Sunday, 06.July 2014

17:00 Arrival at Geboltskirchen
19:00 – 22:00 Dinner with dex professors

Monday, 07.July 2014

8:30 – 09:00 Introduction
Prof.Dr.-Ing.F.W. Günthert
Uni Bw München D
9:00 – 12:00 Activated sludge process,design,
nitri-,deni, phosphorus removal
Prof. Dr. Norbert Matsché
TU Wien, A
13:00 - 13.30 Introduction VTA
Ing.Dr.hc U. Kubinger A
13:30 – 17:30 laboratory work
Prof. Dr. Norbert Matsché A
Dr. B. Auer VTA A

Tuesday, 08.July 2014

8:30 – 12:15 Planning and Construction of
waste water treatment systems
13.30-16.00 -design data
-planning and construction
Prof. Dr.-Ing Norbert Jardin
Ruhrverband - D
Afternoon: professional excursion to
(Mauthausen treatment plant)

Wednesday, 09.July 2014

8:30 – 12:15 Anaerobic Waste-and Process
Water Treatment
Prof. Dr.-Ing.K.-H. Rosenwinkel
Leibn.Uni.Hannover D
13.30– 17.00 Sludge treatment and disposal
Prof.Dipl.-Ing. Dr. techn.H.Kroiss
Tu Wien A
Barbecue evening

Thursday, 10.July 2014

8:30 – 11:00 Masterplann (GEP)
Dr. Th. Ertl Boku Wien A
11:00– 13.00 Membrane technology
Prof. Dr.-Ing. F.-B. Frechen
Uni-Kassel D
14:00 - 16:00 Wastewater treatment in rural
areas and developing counties
Prof.Dr.R.Haberl Boku Wien A

Afternoon excursion: Cultural Linz

Friday, 11.July 2014

8:30 – 11:00 Operation of WWTP
Prof. Dipl.Ing. Dr.techn. H. Kainz
TU Graz A
11:00 – 13:30 Waste as an energy resource
Dr. Swantje Schlederer
Uni-Bw München D
13.30 – 14.30 Closing ceremony