

Soil-Waste-Water 2018 - Conference schedule

Sunday, 25th of March 2018, 18:00, get-together in the "Rote Kaserne"

Monday, 26th of March 2018, 08:45, Registration

09:30 Gabriele Schaumann Opening

Waste Water Irrigation

09:45 **Asher Bar-Tal** Long-term effects of wastewater irrigation on soil properties and trees performance

10:20 **Hiroshan Hettiarachchi** Safe Use of Wastewater in Agriculture (SUWA) in the Light of Nexus Thinking

10:55 Coffee break

11:25 **Arnon Dag et al.** The implications of fertigating olives with reclaimed wastewater

11:55 **Frederic Leuther et al.** Soil structure development and hydraulic properties under long-term irrigation with treated waste water

12:20 **Ruud Bartholomeus et al.** Matching agricultural freshwater supply and demand: using industrial and domestic treated wastewater for sub-irrigation purposes

12:45 **Ramadan Benjreid et al.** Removal of Cu, Cd and Cd from wastewater by compost application

13:10 **Emna Kamoun** Contribution to the feasibility study of the management of an agricultural perimeter irrigated with treated wastewater (North Sfax, Tunisia)

13:35 Lunch

Pretreatment

15:35 **Korbinian Kätzl et al.** Anaerobic biochar filtration of domestic wastewater in West Africa for safer food production and enhanced crop yield

16:00 **Amer Marei and Abu Hammad** Removal of phenolic compounds from olive mill waste water by *Luffa aegyptia* prior water reuse in agriculture

16:25 **Behzad Ghorbani and Reza Pourvaezi** A Comparison of Rice Husk, Wheat Straw, Sawdust and Sand Filters Impact on Some Physical and Chemical Properties of Salt Water

16:50 Closing time

The workshop location is the "Rote Kaserne", Markstraße 40, 76829 Landau

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Tuesday, 27th of March, 8:45, Registration

Olive Mill Wastewater

- 09:30 **Kostas Chartzoulakis et al.** Alternative technologies and policies for olive mill waste management in MED countries
- 10:05 **Isaac Zipori et al.** The nutritional value of olive mill wastewater applied to olive orchard
- 10:30 **Nisreen Tamimi et al.** How the Environmental Conditions may Influence the Fate of the Added OMW-OM on soil
- 10:55 **Markus Kurtz et al.** Processes governing development of ecotoxicity in clayey and silty soils incubated with olive mill waste water under different temperature and humidity conditions
- 11:20 Coffee break
- 11:50 **Guy Levy et al.** Multiple annual spreading of olive mill wastewater effects on physical properties of cultivated soils
- 12:15 **Mikhail Borisover et al.** OMW land application following various disposal schemes: effects on soil sorption of simazine and diuron and their temporal persistence, at various soil depths and OMW application seasons
- 12:40 **Jawad Shoqeir** Effects of Olive Oil Production Wastewater on Soil litter Decomposition Under Lab Conditions

13:05 Lunch

15:00 **Poster session**

17:00 Closing time

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Wednesday, 28th of March, 8:30, Registration

Solid Waste

- 09:00 **Wei Zhang** and Sören Thiele-Bruhn Effects of manure-derived mobile organic matter on the sorption of micropollutants in soils
- 09:25 **Claudia Erber** and Alan Cundill Waste to land – current issues and a way forward: A Scottish perspective
- 09:50 **Miklós Gulyás et al.** Possible agricultural effects of combined application of digestate and biochar

10:15 Coffee break

- 10:45 **Laleh Mahmoudian-Boroujerd et al.** Evaluation of the potential use of municipal solid waste for recovery options: A case study of Fars province, Iran
- 11:10 **Leonid Perelomov et al.** Application of natural and modified humic substances for site remediation
- 11:35 **Marija Romić et al.** Potential of Sewage Sludge Application in Mediterranean Agricultural soils: Case of Šibenik region, Croatia

12:00 Final discussion

12:30 **Departure to Siebeldingen, Julius Kühn Institute**

13:00 **Excursion to the Wine Institute Julius Kühn, Snacks and Wine tasting**