

Soil and Land Restoration

Conveners, Dr. Uri Mingelgrin, The Agricultural Research Organization, Israel

Session 1: Tuesday, November 18, 11:00-12:30

Dr. Guy Levy, The Agricultural Research Organization, Israel, *“Irrigation with treated wastewater (TWW): a trigger for subsurface soil sodification.”*

Dr. Federico Rossi, University of Florence, Italy, *“Microbial secreted exopolysaccharides of induced biological soil crusts in Inner Mongolian desert soils: chemical characteristics and role in affecting water-soil relations.”*

Dr. Yu Jun, Institute of Applied Ecology, Chinese Academy of Sciences, China, *“Response of soil microbial communities to vegetation rehabilitation in semiarid sandy land.”*

Dr. Cyrus Githunguri, Kenya Agricultural and Livestock Research Organization, Kenya, *“Appropriate integrated nutrient management and water harvesting options for maize production in the semi-arid southern rangelands of eastern Kenya.”*

Session 2: Tuesday, November 18, 15:00-16:30

Dr. Sarah Milliken, University of Greenwich, UK, *“A Decision Support System for Arid Lands Restoration.”*

Dr. Ilan Stavi, Dead Sea and Arava Science Center, Israel, *“No adverse effect of stubble grazing on soil quality indicators in dryland wheat agro-ecosystems.”*

Ms. Hila Sagie, Open Landscape Institute, Israel, *“Using agro(eco)system services approach to assess tradeoffs of various tilling methods as a tool to improve sustainability and prevent desertification processes in Shikma Park, Israel.”*