

# The 13th Dahlia Greidinger International Symposium: Sustainable Primary Food Production Emphasizing Soil- Water and Environmental Conservation

**Tuesday, March 5<sup>st</sup>          Poster session**

<i>Barinova</i>	<i>Sophia</i>	Algal indicators Database in the quality of surface waters assessment
<i>Ben Moshe</i>	<i>Shany</i>	Investigation of the role of operational dynamics on biochemical efficiency of a soil aquifer treatment system - A long-column experiment
<i>Bitkover</i>	<i>Eyal</i>	Early warning detection of water contamination in the Kinneret watershed's streams using advanced spectral devices
<i>Bughici</i>	<i>Theodor</i>	Field Crop Irrigation - Multi-Objective Optimization and Sensitivity to Weather Forecast Accuracy
<i>Darzi</i>	<i>Ran</i>	Multi-phase Nitrogen Tracking in Plant, Soil, Drainage and Gaseous Emissions for Evaluating Nitrogen Use Efficiency and Loss Mitigation in Greenhouse Experiment with Enhanced Efficiency Fertilizers.
<i>Emokol</i>	<i>Emmanuel</i>	Effect of irrigation with aquaculture drainage water on hydraulic properties of Arava soils along 3 growing cycles of Basil.
<i>González-Dugo</i>	<i>María Pat.</i>	Monitoring of pasture net primary production and water stress using remote sensing in a holm oak savanna rangeland
<i>Halpern</i>	<i>Moshe</i>	The role of nitrogen in photosynthetic acclimation to elevated [CO <sub>2</sub> ] in tomatoes
<i>Haymann</i>	<i>Nitai</i>	Effects of variable fetch and footprint on surface renewal measurements of sensible and latent heat fluxes in cotton
<i>Ignat</i>	<i>Timea</i>	Hyperspectral monitoring of salt sensitivity in grafted tomatoes
<i>Jamal</i>	<i>Alaa</i>	A novel inflation method for Ensemble Kalman filter-based data assimilation in a crop model used for irrigation scheduling

<i>Kessouri</i>	<i>Pauline</i>	In situ geo-electrical measurements to estimate water content in agricultural contexts
<i>Kiwonde</i>	<i>Escain</i>	Nitrogen fertilization of plants in the desalinated-water era. A study of interactions of nitrogen with chloride.
<i>Kramer</i>	<i>Isaac</i>	Degradation and Reclamation: A Simplified Model for Salinity and Sodicty
<i>Levi</i>	<i>yasmin</i>	Row orientation affects the momentum flux in wine grapevines
<i>Levintal</i>	<i>Elad</i>	eGreenhouse: a mobile sensor package for real-time greenhouse monitoring
<i>Lyu</i>	<i>Yang</i>	Optimizing fertilizer management for improved pomegranate productivity and quality
<i>Manivannan</i>	<i>Bhuvaneshwari</i>	Disinfected (chlorinated) water: what affects the correlations between formation of byproducts and organic matter descriptors?
<i>Miller</i>	<i>Dvir</i>	Fluorescent dissolved organic matter in leachates generated from flushing soil columns with water extracts of composts
<i>Rotbart</i>	<i>Nativ</i>	Validation of the protocol of the fumigation method for determining carbon and nitrogen in the microbial biomass of soils
<i>Termin</i>	<i>Dolev</i>	Site Specific Nitrogen Management in Citrus Orchard to Minimize Nitrogen Pollution
<i>Tsukanov</i>	<i>Kuzma</i>	Noninvasive measurements of plant roots using spectral induced polarization
<i>Yalin</i>	<i>David</i>	A cheap, simple method for mapping available phosphorus in undisturbed soils
<i>Yalin</i>	<i>David</i>	Lack of oxygen, the silent culprit behind the damage to treated wastewater irrigated orchards planted in clay soils – evidence and soil management solutions
<i>Zhang</i>	<i>Zengyu</i>	Non-invasive geo-electrical monitoring of nitrogen transformation processes across a dynamic capillary fringe
<i>Zhen</i>	<i>Jingbo</i>	Irrigation level and crop load effects on yield and water flow in SPAC of date palms