

GEO-CRADLE regional workshop

Tel Aviv | 14 - 09 - 2017



**THE REMOTE SENSING
LABORATORY**
TEL AVIV UNIVERSITY



Time	Topic	Speakers
08:30-09:00	Registration & Coffee	
Opening		
09:00-09:15	Welcome notes	<ul style="list-style-type: none"> Prof. Eyal Ben-Dor – The Remote Sensing Laboratory, The Department of Geography and the Human Environment, Tel Aviv University (TAU), Israel Dr. Haris Kontoes – GEO-CRADLE Project Coordinator, National Observatory of Athens (NOA), Greece
Session I	GEO-CRADLE contribution to the region	Chair: Dr. Haris Kontoes, NOA
09:15-09:35	GEO-CRADLE project in context of regional needs	Dr. Haris Kontoes – GEO-CRADLE Project Coordinator, NOA, Greece
09:35-09:50	GEO-CRADLE in support to SDGs implementation in the areas of Adaptation to Climate Change, Improved Food Security & Water Extremes Management, Access to Raw Materials and Access to Energy	Prof. George Zalidis – InterBalkan Environment Center (IBEC), Greece
09:50-10:05	GEO-CRADLE in support to capacity building, stakeholder engagement and data sharing in the region	Ms. Alexia Tsouni – GEO-CRADLE Project Coordination Team, NOA, Greece
10:05-10:20	Copernicus and GEO opportunities for Israel and the region	Ms. Eleni Christia – GEO-CRADLE Project Communication Manager, NOA, Greece
10:20-10:35	Q&A – Discussion	
10:35-11:05	Coffee break	

Session II	Regional EO perspective	Chair: Prof. Eyal Ben-Dor , TAU
11:05-11:20	Spectral Imaging of Soils: past, present and future	Prof. Eyal Ben-Dor – The Remote Sensing Laboratory, The Department of Geography and the Human Environment, TAU
11:20-11:35	The Israel space programs	Mr. Avi Blasberger – General Director, Israel Space Agency (ISA)
11:35-11:50	EO capabilities	Mr. Barak Solomin – ImageSatInt
11:50-12:05	Sub-surface combination of active and passive remote sensing methods and approaches for soil mapping	Dr. Naftaly Goldshleger – Ariel University
12:05-12:20	Availability of commercial products for the monitoring of the earth from space and ground	Dr. Noah Wolfson – Owner & Director General, Meteo-Tech Ltd. - Measurement Instruments
12:20-12:30	Q&A - Discussion	
Session III	Environmental monitoring: Projects in Israel	Chair: Prof. George Zalidis, IBEC
12:30-12:45	Monitoring geo-hazards using SAR Interferometry	Dr. Ran Novitsky Nof – Seismology Division, The Geophysical Institute of Israel
12:45-13:00	Modeling floods and drought in Israel: current situation and future possibilities	Dr. Amir Givati – Israel Water Authority
13:00-13:15	Climate change and its environmental impacts: methodological approaches	Prof. Hadas Saaroni – The Department of Geography and the Human Environment, TAU
13:15-14:00	Lunch break	
14:00-14:15	The need for a precise and frequent soil cover mapping	Dr. Gil Eshel – The Ministry of Agriculture
14:15-14:30	From large-scale patterns to plant nutrients: remote sensing tools aid in solving ecological puzzles	Dr. Efrat Sheffer – The Robert H. Smith Institute of Plant Sciences and Genetics in Agriculture, The Faculty of Agriculture, Rehovot, The Hebrew University of Jerusalem
14:30-14:40	Q&A - Discussion	

Session IV	The end-user perspective	
14:40-15:35	Part 1	Chair: Dr. Haris Kontoes, NOA
14:40-14:55	Applications of Geoinformation Technology to forest monitoring and management in Israel	Dr. Michael Shprinsin – Keren Kayemet LeIsrael (The Jewish National Fund)
14:55-15:10	Current research of the south including some remote-sensing examples	Dr. Elli Groner – Scientific Director, The Dead Sea and Arava Science Center (DSASC)
15:10-15:20	Q&A - Discussion	
15:20-15:50	Coffee break	
15:50-16:50	Part 2: Round table: How to maximize the benefits of EO for food security in Israel	Chair: Prof. Eyal Ben-Dor, TAU
15:50-16:05	The use of GIS and satellite and aerial images in agricultural land surveys	Ms. Nurit Ben Hagai – Zemach-Nisyonot
16:05-16:20	Manna Center Program for Food Safety & Security: From field to fork via Research, Education & Collaboration	Prof. Nir Ohad – Director of Research & Outreach, Manna Center Program for Food Safety and Security
16:20-16:50	Interventions / Comments	Dr. Haris Kontoes, Dr. Efrat Oron
Closing		
16:50-17:00	Conclusions	Dr. Haris Kontoes, GEO-CRADLE Project Coordinator