Remote Sensing

Convener, Prof. Arnon Karnieli, Ben-Gurion University, Israel

Monday, Nov. 17   11:00-12:30   Old Administration

Dr. Garick Gutman, NASA, USA, *"The NASA Land-Cover and Land-Use Change Program: Focus on Drylands,"*

Mr. Jisung Chang, Technion, Israel and Korea, "*Modeling Shrublands Biomass Using Radar Polarization Parameters."*

Dr. Jintaridth Bunjirtluk, Department of Land Development, Thailand, *"Using Visible Spectroscopic Based Analytical Methods for Assessing Labile Carbon on Agricultural Areas."*

Dr. Hannelore Kusserow, Free University, Germany, *"Re-greening of the Sahel - A Myth? Case studies from Mali, Niger and Darfur/Sudan."*

Prof. Lev Spivak, International University of Nature, Society, and Man, Russia, *"Some Results of Space Monitoring of Droughts in Kazakhstan."*

Monday, Nov. 17   15:00-17:00   Old Administration

Dr. Andrew French, USDA/ARS, USA, *"Remote Sensing of Evapotranspiration over Irrigated Farms in Central Arizona, USA."*

Mrs. Anna Zanchetta, Universita' di Bologna, Italy*, "Change detection in drylands: validity of the Tasselled Cap transform."*

Dr. Uri Gilad, Australia, *"Environmental Monitoring of Queensland's Coal Seam Gas Infrastructure by Remote Sensing Methods."*

Ms. Tarin Paz-Kagan, Ben-Gurion University, Israel, *"Structural Changes of Desertified and Managed Shrubland Landscapes in Response to Drought: Spectral, Spatial and Temporal Analyses"*

Mr. Giorgi Kohzoridze, Ben-Gurion University, Israel, *"Present, past and future of global distribution of Pistacia species in relationship to climate change - remote sensing and GIS analyses."*

Mr. Assaf Chen, Ben-Gurion University, Israel, *"Evaluating and predicting water consumption by irrigated agriculture in the semi-arid regions of the north-western Negev, Israel"*

Monday, Nov. 17   17:30-18:45   Old Administration

Prof. Zhihao Qin, Chinese Academy of Agricultural Sciences, China, *"Monitoring Dynamics of Grassland Resources in Southeast Inner Mongolia and Great Wall Region, China."*

Prof. Zhao Shuhe, Nanjing University, China, *"Drought monitoring in Northeast China using an improved Temperature Vegetation Precipitation Index (iTVPI) based on MODIS imagery and meteorological data."*

Dr. Tsolmon Renchin, National University of Mongolia, *"Monitoring for drivers of Land degradation using Remote Sensing and GIS in Mongolia."*

Prof. Lev Spivak, International University of Nature, Society, and Man, Russia, *"Using Time Series of Satellite Vegetation Indices for Analyzing of the Dynamics of Vegetation Degradation in Kazakhstan."*