



1^η ΗΜΕΡΙΔΑ ΤΗΛΕΠΙΣΚΟΠΗΣΗΣ ΚΑΙ ΔΙΑΣΤΗΜΙΚΩΝ ΕΦΑΡΜΟΓΩΝ

Τετάρτη 21 Φεβρουαρίου 2018, Χαροκόπειο Πανεπιστήμιο, Ελ. Βενιζέλου (Θησέως) 70, Αθήνα

ΠΡΟΓΡΑΜΜΑ

09:00-09:30	ΧΑΙΡΕΤΙΣΜΟΙ
09:30-10:30	ΟΜΙΛΙΑ ΠΡΟΣΚΕΚΛΗΜΕΝΟΥ ΟΜΙΛΗΤΗ: Dr. Salvatore Stramondo <i>Instituto Nazionale di Geofisica e Vulcanologia (INGV), Roma, Italy</i> Ground motion effects of natural disasters and anthropogenic activities from Remote Sensing: state of art, limits and perspectives
10:30-11:00	ΔΙΑΛΕΙΜΜΑ ΓΙΑ ΚΑΦΕ - POSTER

ΕΝΟΤΗΤΑ 1 : ΕΥΡΩΠΑΪΚΕΣ - ΕΘΝΙΚΕΣ ΔΡΑΣΕΙΣ

Προεδρείο: Α. Γκανάς, Β. Χαραλαμποπούλου

11:00-11:15	ESA's Thematic Exploitation Platforms initiative and the GEP <i>Papadopoulou T., Bally P., Pacini F., Patruno J. and Foumelis M.</i>
11:15-11:30	EU Earth Observation initiatives: The EuroGeoSurveys perspective <i>Herrera, G., Przylucka M and Kopackova V.</i>
11:30-11:45	Application of remote sensing methods and techniques in the Hellenic cadastre <i>Lolonis P.</i>

ΕΝΟΤΗΤΑ 2 : ΦΥΣΙΚΕΣ ΚΑΤΑΣΤΡΟΦΕΣ – ΓΕΩΚΙΝΔΥΝΟΙ – RADAR

Προεδρείο: Ι. Παρχαρίδης, Ο. Συκιώτη

11:45-12:00	The July 20, 2017 M6.6 Kos (Gulf of Gökova, SE Aegean Sea) earthquake. Fault constraints exploiting space geodesy and seismology <i>Elias P., Ganas A., Kapetanidis V., Valkaniotis S., Briole P., Ioannis Kassaras I., Argyrakis P., Barberopoulou A., and Moshou A.</i>
12:00-12:15	2003-2015 deformation history of the central Ionian islands, Greece, mapped by InSAR <i>Ganas A., Elias P., Ilieva M., Dimitrov D., Briole P., Parcharidis I., Valkaniotis S., Papathanassiou G., Papastergios A., Argyrakis P., Mendonidis E. and Kolia E.</i>
12:15-12:30	UAV application in documenting earthquake environmental effects and mapping geological structures. The case of November 17th 2015 M6.5 earthquake, Lefkada, Greece <i>Valkaniotis S., Papathanassiou G., Grendas N., Kolia E. and Ganas A.</i>
12:30-13:30	ΔΙΑΛΕΙΜΜΑ – ΓΕΥΜΑ - POSTER
13:30-13:45	Advanced earth observation techniques applied for the study of land subsidence phenomena. The case of the Kalochori region, Thessaloniki Greece <i>Loupasakis C., Raspini F., Svigkas N., Papoutsis I., Rozos D., Tsangaratos P., Moretti S., Kiratzi An., Kontoes Ch. and Adam N.</i>
13:45-14:00	Multi-temporal DinSAR to detect surface deformation of the Evinos dam <i>Papastergios A. and Parcharidis I.</i>
14:00-14:15	Geological validation of selected InSAR results carried out by Institute of Geology and Mineral Exploration <i>M. Stefouli</i>
14:15-14:30	Landslide mapping using Sentinel-1 and Sentinel-2 data <i>E. Maltezos and V. Charalampopoulou</i>
14:30-14:45	Rheticus®: Monitoring from space geological transformations of earth surface for detecting instabilities of critical infrastructure <i>Spastra Y., Bollanos S., Sykas D., Ioannou I., Lamantia C., Massimi V., Samarelli S. and Casaburi M.</i>

14:45-15:00	Operational Use of Sentinel satellite and Copernicus data for Monitoring, Prevention and Restoration of Natural Hazards <i>Symeonidis P., Vakkas T. and Taskaris S.</i>
15:00-15:30	ΔΙΑΛΕΙΜΜΑ ΓΙΑ ΚΑΦΕ - POSTER

ΕΝΟΤΗΤΑ 3 : ΧΑΡΤΟΓΡΑΦΗΣΗ - ΟΠΤΙΚΟΙ ΔΕΚΤΕΣ – ΤΕΧΝΙΚΕΣ ΕΠΕΞΕΡΓΑΣΙΑΣ
Προεδρείο: Μ. Στεφούλη, Π. Ηλίας

15:30-15:45	Mineral mapping using Sentinel-2 imagery: the case study of the “Nisi” Fe-Ni open mine (Voiotia, Greece) <i>Anifadi A., Sykioti O., Vassilakis E. and Stamatakis M.</i>
15:45-16:00	Planetary Mineral Mapping using Advanced Hyperspectral Image Spectral Unmixing. Case study: the Syrtis Major area on planet Mars <i>Sykioti O., Giampouras P., Rontogiannis A. and Koutroumbas K.</i>
16:00-16:15	Camera Spatial Distortions in UAV-Photogrammetry: A New Correction Workflow and Software Implementation <i>Argyropoulos N., Nikolakopoulos K. and Koukouvelas I.</i>
16:15-16:30	Advancing ocean colour retrieval for the Hellenic Seas. Joint efforts of Research Institutes and Academia <i>Karageorgis A., Drakopoulos P, Iona S., Kapsimalis V., Psarra S, Sofianos S., Spyridakis N., Topouzelis K. and Zervakis V.</i>

ΕΝΟΤΗΤΑ 4 : ΕΤΑΙΡΙΚΕΣ ΠΑΡΟΥΣΙΑΣΕΙΣ
Προεδρείο: Π. Τυρολόγου, Π. Κρασσάκης

16:30-17:00	7-λεπτες παρουσιάσεις χορηγών της ημερίδας
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POSTERS

P.1	Mapping of the Historic “1536-1669” volcanic products of Mt. Etna through Spectral Unmixing of Hyperion Hyperspectral data <i>Daskalopoulou L., Sykioti O., Koutroumbas K. and Rontogiannis A.</i>
P.2	Land cover monitoring through spectral unmixing, classification and clustering on multispectral Sentinel-2 data of Southern Pindos <i>Boutsi A.Z., Daskalopoulou V. and Bouskou E.</i>
P.3	Benchmarking Supervised methods for Hyperspectral data classification <i>Fokeas K.</i>
P.4	A Web Based Mapping Portal for accessing Land Cover data of Crete derived from Sentinel 2 images <i>Karkaletsou A. and Kladis D.</i>
P.5	Mapping distribution and investigation of correlation between Surface Sea Temperature and Chlorophyll-a in the Mediterranean Sea <i>Vasiliou N.</i>
P.6	Lake Monitoring Using State of the Art Remote Sensing Technologies <i>Stefouli M. and Charou E.</i>
P.7	UAV photogrammetry for coastal areas monitoring <i>Kogkas S., Kozarski D. and Nikolakopoulos K.G.</i>
P.8	Mapping terrain changes using interferometric DSM from Sentinel-1 data <i>Kyriou A. and Nikolakopoulos K.</i>
P.9	Assessment of landslide susceptibility using geospatial analysis and interferometry data, in the mountainous municipalities of Nafpaktia and Karpenisi <i>Krassakis P. and Loupasakis C.</i>
P.10	Investigating land subsidence phenomena by using remote sensing techniques and ground truth engineering geology investigation methods <i>Tsangaratos P. , Loupasakis C., and Iliá I.</i>
P.11	A feasibility study to estimate vertical deformation in the central southern margin of the Gulf of Corinth Using Digital Elevation Models <i>Panoutsopoulos G., Sykioti O., Kranis H., Skourtsos Em. and Elias P.</i>
P.12	Ionospheric Anomalies prior to Recent Strong Earthquakes in Greece observed by CGPS Data <i>Vlachou K.</i>