

4th International Doctoral Seminar

PhD-Days @ geof.unizg.hr

PROGRAMME

DAY 1 Thursday, 10.12.2020.	DAY 2 Friday, 11.12.2020.
9:00 Openig Ceremony	10:00 Session 4: Cartography
Prof. Damir Boras, recotre UNIZG - Greetings Prof. Almin Đapo, dean GEOF - Greetings	<u>Chair: Assoc. Prof. Vesna Poslončec-Petrić, GEOF</u> Petrović Jelena, MinDef <i>"New approach of producing military topographic maps supported by nacional infrastructure of spatial data"</i> Online
9:30 Invited Lecture	Adam Vinković, GEOF <i>"Modeling bicycle traffic volume for the city of Zagreb based on multiparameter geovisual analysis of crowdsourced spatial data"</i> Live
Prof. Crompvoets Joep, KUL <i>"Disruptive Technologies and their impact"</i> Online	Vladimir Baričević, SGA <i>"Improvement and synergy of civilian and military topography Republic of Croatia"</i> Online
10:00 Session 1: Land Use - Advanced Methods	11:00 Session 5: Land Administration Systems
<u>Chair: Prof. Walter Timo de Vries, TUM</u> Chaturvedi Vineet, TUM <i>"Review of machine learning algorithms for urban land use planning"</i> Online	<u>Chair: Assoc. Prof. Rinaldo Paar, GEOF</u> Doris Pivac, GEOF <i>"Developing a model for improvement of the metadata availability on the cadastre establishment"</i> Online
Ansar Zulqadri, TUM <i>"Smart Land Use Control in Indonesia"</i> Online	Josip Lisjak, Požega <i>"Model for investment potential assessment using spatial data multi-criteria analysis"</i> Online
Florentino Jr. Morales, TUM <i>"GIS-based Decision Support Support System for Land Use Plannning"</i> Online	Dragan Divjak, GEOF <i>"Development of framework for monitoring of land administration systems by applying methods of complex system science"¹</i> Live
Milica Aleksić, BRAT <i>"Consequences of land readjustment on the flood regime"</i> Online	Josip Šiško, GEOF <i>"Geo-Information Real Estate Mass Valuation Model to Support Spatial Planning"</i> Online
11:00 Session 2: Applied Remote Sensing	12:00 Session 6: Dissertation Topics
<u>Chair: Prof. Damir Medak, GEOF</u> Luka Jurjević, CFRI <i>"Is field-measured tree height as reliable as believed? - A comparison study of tree height estimates from conventional field measurement and low-cost close-range remote sensing in a deciduous forest"</i> Online	<u>Chair: Prof. Željko Bačić, GEOF</u> Peroš Josip, GEOF <i>"Determination and quality analysis of objects dynamic 3D displacements and natural frequencies with multiple targets using fused video and measurement data obtained from image assisted total station"</i> (Public discussion on the topic of the doctoral thesis) Live
Martina Deur, Šibenik <i>"Development of New Methodology for Classification of Forest Cover Based on Remote Sensing Methods"</i> Online	Nevistić Zvonimir, GEOF <i>"Improving the availability and usability of planetary spatial data research by spatial data infrastructure of space bodies modelling"¹</i> (Public discussion on the topic of the doctoral thesis) Live
Dobrinić Dino, GEOF <i>"Development of a Novel Methodology for Vegetation Mapping using Radar Satellite Imagery"</i> Live	Rumora Luka, GEOF <i>"The effect of atmospheric corrections and satellite image fusion on radiometric indices values and classification accuracy"</i> (Defence of the doctoral thesis) Live
Ivan Jakopec, GEOF <i>"Development of a new method for processing data of photogrammetric survey by unmanned aerial vehicles to determine landslide displacement"</i> Online	
12:00 Session 3: Engineering and Astrophysics	
<u>Chair: Mateja Dumbović, GEOF</u> Sergej Baričević, GEOF <i>"Development of Geodetic Linear Scales Calibration Method"</i> Live	
Radoslav Choleva, BRAT <i>"Kinematic testing of the laser tracker"</i> Online	
Martinić Karmen, OH <i>"CME 3D reconstruction"</i> Online	

PhD-Days @ geof.unizg.hr 2020 (Day 1):

Join Zoom Meeting:

<https://zoom.us/j/97480076525?pwd=RmQ2Zm1NakdaSzRDM0VwYjZUYU1KUT09>

Meeting ID: 974 8007 6525

Passcode: 300835

PhD-Days @ geof.unizg.hr 2020 (Day 2):

Join Zoom Meeting:

<https://zoom.us/j/92310218030?pwd=VGhWcVJhRkNRNVY0aUM0bmlRdU1DU1DU09>

Meeting ID: 923 1021 8030

Passcode: 769944