

# MULTIPLE PURPOSE FORESTRY SEMINAR

## Improving future ecosystem benefits through Earth Observations – from EO to ecosystem services modelling

**Speaker:**  
**Dr. Ioannis Manakos**

December 4<sup>th</sup> 16:00 – 18:00  
December 5<sup>th</sup> 14:00 – 16:00  
Room TI 10, T Building

### BIOGRAPHY



Dr. Ioannis Manakos (M) is an Associate Researcher at the Information Technologies Institute of the Centre for Research and Technology Hellas (CERTH/ITI) since 2012.

He has worked for 7 years as the Head of the Department of Geoinformation in Environmental Management at the (CIHEAM) at the Mediterranean Agronomic Institute of Chania (Adjunct Professor).

He carried out his PhD in Forestry at the Technical University of Munich.

He has coordinated or participated in more than 36 European and National research and development projects under various funding frameworks (incl. FP6, FP7, H2020)

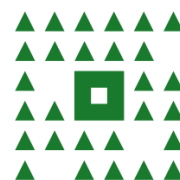
## ABSTRACT

His first talk, on 4<sup>th</sup> of December, will focus on:

- an overview of the results of ECOPOTENTIAL project
- live code performing on algorithms developed for inundation mapping with S-2 fused with S-1.
- the Virtual Laboratory Platform and its online services – hands on seminar performing processing for species distribution models, hydroperiod estimation, landscape fragmentation

On the second talk, on 5<sup>th</sup> of December, his focus will be on

- a 2-D canopy mapping technology developed for the Bavarian forest.
- the EODESM land cover change detection system and its worldwide applicability (based on the FAO LCCS)
- the in-situ data gathering app for EODESM in field conditions



**Transilvania  
University  
of Brasov**

**FACULTY OF SILVICULTURE  
AND FOREST ENGINEERING**

# LOOKING FORWARD TO SEEING YOU!