



# Reflectance Spectroscopy of the Coastal Area Scientific Workshop

University of Split

June 3-5, 2009

Organized in cooperation with Photon LLC., Split, the Institute for Oceanography and Fisheries, Split, Institute for Adriatic Culture, Split, Mediterranean Institute for Life Sciences, Split and the Hydrographic Institute of the Republic of Croatia, Split.

**Objective:**

Understanding of the principles of reflective spectroscopy in interpretation of complex environmental factors: practical application of field spectroscopy in real-life conditions, integration, preparation, analysis and correlation of collected reflectance spectroscopy data.

**Program:**

- Elements of spectroscopic analysis
- Practical applications of field spectrometer
- Bio-optical measurements with radiometric photometer
- Elements of remote sensing, algorithms, applications
- Integration with Geographic Information Systems
- Modeling of spatial fields from “in situ” measurement

**Daily schedule:**

1<sup>st</sup> day: elements of spectroscopy, remote sensing, laboratory measurements. 2<sup>nd</sup> day: field data collection, data bases and spectral libraries. 3<sup>rd</sup> day: modeling, GIS integration, correlation with remote sensing data



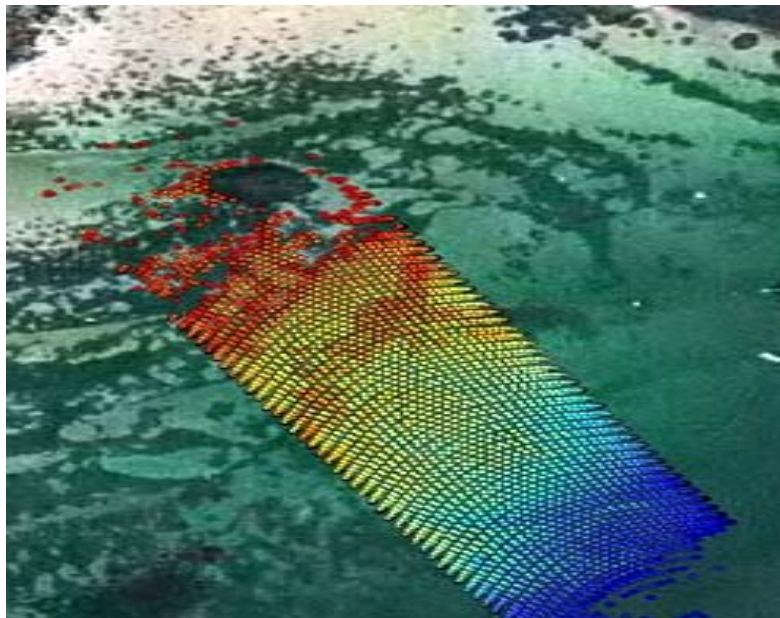
**Cost: 950 KN**  
**Registration: May 15, 2009**  
**Location: MEDLIS, Split**

**Target audience:**

Graduate students, scientific apprentices, researchers in agronomy, environment, oceanography, geosciences

**Software/Equipment:**

Data, equipment and materials are provided with the workshop registration.



**Instructors:**

Prof.dr. Roko Andricevic, Civil Engineering/Architecture Faculty, Split  
dr. Amer Smailbegovic, Photon d.o.o. Split, WORKSHOP COORDINATOR  
dr. Bosko Milos, Institute for Adriatic Culture, Split  
dr. Mira Morovic, Institute for Oceanography and Fisheries, Split  
Prof.dr.Vlado Dadic, Institute for Oceanography and Fisheries, Split

**Registration and Info: [spectr-2009@unist.hr](mailto:spectr-2009@unist.hr)**