



INVESTICE DO ROZVOJE VZDĚLÁVÁNÍ

## **HYDAP**

**The latest remote sensing technologies in the service of research,  
education and application for regional development**

Project of the Operational Program:  
Education for Competitiveness  
2.4 Partnership and networks

**1<sup>st</sup> Announcement**

**Kick-off Meeting**

**November 14-16, 2012**

at

**Global Change Research Centre AS CR, v.v.i., Czech Republic**

**The purpose of the meeting - opening the key activity 1:**

**Development of cooperation between universities, research  
institutions, non-profit and business sector in the field of remote  
sensing**

**Organizer**

Department of Remote Sensing, CVGZ

## **The main objectives of the workshop – interdisciplinary education**

1. Presentation of basic principles of remote sensing, the current use of different types of remote sensing data in various subject fields, information on building the global geo-information database GEOSS, and data availability
2. Introduction of each project partner, his research activity and the expected benefits of remote sensing applications for the discipline
3. Round table discussions about interdisciplinary cooperation between project partners - the preparation of common topics for next practical workshops, projects and publications
4. Logistics and practical aspects of running the project

## **Program**

### **Wednesday, November 14**

- 9:30 – 12:30 Basic principles of remote sensing, the current use of different types of remote sensing data in various disciplines Siri Jodha Singh Khalsa, CIRES, University of Colorado discussion
- 10:45 – 11:00 Coffee break
- 12:30 – 13:00 Discussion – common topics
- 13:00 – 14:00 Lunch
- 14:00 – 14:30 Remote sensing in the CzechGlobe, Jan Hanuš
- 14:30 – 17:00 Soils, vegetation, carbon sequestration processes in spoil heaps after brown coal mining, Jan Frouz, Biological Center, Institute of Soil Biology discussion
- 15:30 – 15:45 Coffee break
- 17:00 – 17:30 Discussion – common topics

### **Thursday, November 15**

- 9:00 – 12:00 Agriculture production in changing climatic conditions, Zdeněk Žalud team, Mendel Univ. discussion
- 10:30 – 10:45 Coffee break
- 12:00 – 12:30 Discussion – common topics
- 12:30 – 14:00 Lunch
- 14:00 – 16:30 LiDAR - a tool for 3D object recognition Technical Univ. Brno team discussion
- 15:15 – 15:30 Coffee break
- 16:30 – 17:30 DAFNE partner and its role in HYDAP Martin Střelec and DAFNE team, České Budějovice discussion

## Friday, November 16

9:00 – 12:00 Thermal and water regime of different ecosystems (Jakub Brom team, University of South Bohemia and Jan Pokorný team, ENKI Třeboň), discussion

10:30 – 10:45 Coffee break

12:00 – 12:30 Discussion – common topics

12:30 – 14:00 Lunch

14:00 – 16:30 Eutrophication of fresh water reservoirs (Blahoš Maršálek team and RAWAT team), discussion

15:15 – 15:30 Coffee break

16:30 – 17:00 Discussion – common topics

17:00 – 17:30 Workshop summary and next steps (RS team + all partner leaders)

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16:30 – 17:00 discussion – common topics

17:00 – 17:30 Workshop summary and next steps (RS team + all partner leaders)

## Location and logistics

The workshop will be held at **Global Change Research Centre, Brno, Bělidla 4a**, (see [map](#)), **meeting room No 120**, ground floor

## Boarding

Accommodation (single and double rooms) has been booked at the [Omega](#) hotel (within the walking distance from the meeting place).

All participants who need the accommodation have to register via doodle system

**accommodation by Mon Oct. 28<sup>th</sup>** so that the reservation can be confirmed to the hotel staff.

**The expenses on accommodation and refreshment during the workshop will be covered by the organizer of the workshop (CVGZ).**