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## **HYRESSA Exploratory Workshop**

14 and 15 March 2007 as a special session of the ISPMSRS07 conference in Davos Switzerland ([www.ispmsrs07.org](http://www.ispmsrs07.org))

The EU-funded project HYRESSA aims at investigating the user needs of the European hyperspectral research community with respect to access and quality of hyperspectral images. In this workshop we would like to explore strategies to build and coordinate a Europe-wide network of hyperspectral remote sensing facilities. Different strategies for the development of an operational remote sensing facility will be presented and compared to the requirements of the European user community. Specific attention will also be paid to the assessment of existing protocols of calibration, acquisition and processing of hyperspectral data and their compliance with standards. The outcome of the workshop should guide the further development of a distributed European hyperspectral remote sensing research infrastructure.

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## **Program HYRESSA Exploratory workshop**

### **Wednesday 14 March 2007**

#### *Morning session*

Chair: Dr. Lammert Kooistra, Wageningen University (NL)

10:20 – 10:40 GEO (Group on Earth Observations) and its Global Earth Observation System of Systems (GEOSS), Dr. Michael Rast, Geo Secretariat (CH)

10:40 – 11:00 Plans for the U.S. National Ecological Network -The contribution of remote sensing, Prof. Dr. Susan Ustin, UC Davis (USA)

11:00 – 11:20 ESA User Services, Dr. Stephen Briggs, ESA/ESRIN (I)

11:20 – 11:40 Production and distribution of NASA MODIS Remote Sensing Products, Dr. Robert Wolfe, NASA Goddard Flight Centre (USA)

11:40 – 12:00 User-driven requirements of the European Hyperspectral Remote Sensing Community, Dr. Jens Nieke, University Zurich (CH)

12:00 – 13:00 Lunch

#### *Afternoon interactive session*

Chair: Dr. Ils Reusen, VITO (BE)

13:00 – 14:40 HYRESSA Interactive panel discussion

19:00 – open HYRESSA dinner

### **Thursday 15 March 2007**

#### *Morning session*

Chair: Dr. Lammert Kooistra & Prof. Michael Schaepman, Wageningen University (NL)

8:15 – 8:30 Welcome and introduction

8:30 – 12:00 HYRESSA working session

12:00 – 13:00 Lunch

13:00 – 17:00 HYRESSA Progress Meeting (HYRESSA project partners)

## **Extended program HYRESSA Exploratory Workshop**

### **Wednesday 14 March 2007**

#### *Morning session*

Chair: Dr. Lammert Kooistra, Wageningen University (NL)

10:20 – 10:40 GEO (Group on Earth Observations) and its Global Earth Observation System of Systems (GEOSS), Dr. Michael Rast, Geo Secretariat (CH)

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11:40 – 12:00 User-driven requirements of the European Hyperspectral Remote Sensing Community, Dr. Jens Nieke, University Zurich (CH)

12:00 – 13:00 Lunch

#### *Afternoon interactive session*

Chair: Dr. Ils Reusen, VITO (BE)

Reporter: Tim Malthus, University of Edinburgh (UK) & Lammert Kooistra, WU

13:00 – 14:40 HYRESSA Interactive panel discussion

19:00 – open HYRESSA dinner

### **Thursday 15 March 2007**

#### *Morning: HYRESSA working session*

Chair: Prof. Michael Schaepman & Dr. Lammert Kooistra, Wageningen University (NL)

8:15 – 8:30 Welcome and introduction

#### *Part 1: Requirements for acquisition and distribution of hyperspectral images*

8:30 – 8:45 The role of protocols and standards in hyperspectral data acquisition and distribution, Eduardo de Miguel, INTA (SP)

8:45 – 9:30 Discussion

9:30 – 10:00 Coffee Break

#### *Part 2: Building a European Research Infrastructure*

10:00 – 10:15 Opportunities for the development of a European hyperspectral research infrastructure, Tim Malthus, University of Edinburgh (UK)

10:15 – 10:30 Trans-national Access at Equal Terms to national research infrastructures in Europe: The case of research aircraft for environmental studies, Dr. Jean-Louis Brenguier (EUFAR Coordinator, METEO France)

10:30 – 11:15 Discussion

11:15 – 11:45 Research Infrastructures in FP7, Dr. Brigitte Weiss (Scientific Officer EU Research Infrastructures)

11:45 – 12:00 Closing remarks and conclusions

12:00 – 13:00 Lunch

13:00 – 17:00 HYRESSA Progress Meeting (HYRESSA project partners)