

2nd EARSeL Workshop on Education and Training

Mon, 15 Jun 2009 **ET 0**

08:30 Registration

19:30 Icebreaker Party (Room F)

2nd EARSeL Workshop on Education and Training

Tue, 16 Jun 2009 **Session ET 1 (Room E)**

09:00 Opening and Workshop Keynote

Workshop Opening

09:00 - 09:10

Keynote: The Education Activities within the Earth Observation Programmes of ESA

Francesco Sarti, ESA, Frascati, Italy

Francesco Sarti, Steffen Dransfeld

09:10 - 09:35

09:35 Remote Sensing in Schools

SEOS: A World of Images

Caroline Dandois Dutordoir

Caroline Dandois Dutordoir

09:35 - 09:53

EURAC Junior

Uta Fritsch, Matthias Mühlberger, Philipp Rastner & Christian Steurer

Uta Fritsch, Matthias Mühlberger, Philipp Rastner, Christian Steurer

09:53 - 10:13

10 Years of Imaging the Earth: Spot Vegetation

Caroline Dandois Dutordoir & Martine Stélandre

Caroline Dandois Dutordoir, Martine Stélandre

10:13 - 10:30

10:30 Coffee Break

2nd EARSeL Workshop on Education and Training

Tue, 16 Jun 2009 **Session ET 2 (Room E)**

11:00 Geography 1

**Bringing Geo-Spatial Technologies into Schools, Problems and Solutions:
The Remote Sensing Part**

Wolfgang Sulzer

11:00 - 11:18

**Bringing Geo-Spatial Technologies into Schools, Problems and Solutions:
The GIS Part**

Josef D. Gspurning

Wolfgang Sulzer

11:18 - 11:36

SEOS: Modules on Coral Reefs and on 3D Models

Marijke Temmerman, Rudi Goossens, Caroline Dandois & Therese Ongena

Marijke Temmerman, Rudi Goossens, Caroline Dandois, Therese Ongena

11:36 - 11:54

11:54 Environmental Hazards and Management

SEOS: Modules on Agriculture and Natural Resources Management

Chariton Kalaitzidis, Ioannis Manakos, Konstantinos Perakis & Alata Elatawneh

Chariton Kalaitzidis, Ioannis Manakos, Konstantinos Perakis, Alata Elatawneh

11:54 - 12:12

SEOS: Marine Pollution

Christina Klose, Valborg Byfield, Rainer Reuter & Colette Robertson

Christina Klose, Valborg Byfield, Rainer Reuter, Colette Robertson

12:12 - 12:27

**Investigating Active Volcanoes through Remote Sensing and Teaching
Geography Students how to Analyze Spatial Images**

Vasile Loghin & George Muratoreanu

Vasile Loghin, George Muratoreanu

12:27 - 12:30

12:30 Lunch

2nd EARSeL Workshop on Education and Training

Tue, 16 Jun 2009 **Session ET 3 (Room E)**

13:30 Meeting of the Special Interest Group on Education and Training

14:00 New Software for Education and Training

Implementing Remote Sensing Software Functionalities in Interactive Learning Applications

Henryk Hodam, Roland Goetzke & Kerstin Voss

Henryk Hodam, Roland Goetzke, Kerstin Voss

14:00 - 14:18

Development of a Web-based Remote Sensing Software for Schools

Raimund Ditter & Alexander Siegmund

Raimund Ditter, Alexander Siegmund

14:18 - 14:36

LEOWorks 4 for Teaching Earth Observation - Current State and Future Upgrades

Steffen Dransfeld, Juerg Lichtenegger, Peter Brøgger Sørensen, Francesco Sarti, Florin Serban & Vasileios Kalogirou

Steffen Dransfeld, Juerg Lichtenegger, Peter Brøgger Sørensen, Francesco Sarti, Florin Serban, Vasileios Kalogirou

14:36 - 14:54

14:54 Geography 2

Teaching Remote Sensing for Lectors at University Level. A Project at the University of Kisangani in Congo

Rudi Goossens, Therese Ongena & Jean-Pierre Mathé

Rudi Goossens, Therese Ongena, Jean-Pierre Maté

14:54 - 15:12

SEOS: World of Spreading Cities Seen from Space - an Example Chapter from Module 5: Landcover/Landuse Change and Land Consumption

Isabelle Kollar & Alexander Siegmund

Isabelle Kollar, Alexander Siegmund

15:12 - 15:30

15:30 Coffee Break

2nd EARSeL Workshop on Education and Training

Tue, 16 Jun 2009 **Session ET 4 (Room E)**

16:00 **Decision Support and Learning Management Systems
Training for Decision Support Systems Based on Earth Observation**

Jan-Peter Mundt

Jan-Peter Mundt

16:00 - 16:18

SEOS: A Learning Management System for Remote Sensing

Thomas Severiens & Eike Bernhardt

Thomas Severiens, Eike Bernhardt

16:18 - 16:36

**An Interactive Learning Tool for the Instruction of Remote Sensing at
University Level**

Nektaria Eleni Adaktilou, Costas Cartalis & George Kalkanis

Nektaria Eleni Adaktilou, Costas Cartalis, George Kalkanis

16:36 - 16:54

**Theory Guided Development of Interactive Learning Environments for
Imparting Remote Sensing Knowledge**

Henryk Hodam

Henryk Hodam

16:54 - 17:12

EDUSPACE

Peter B Sørensen, Juerg Lichtenegger, Francesco Sarti, Ana B Ruescas, Linda Moser, Chris Stewart, Steffen Dransfeld, Birgit Strømsholm & Florin Serban

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17:12 - 17:30

19:30 Workshop Dinner (Room G)

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Wed, 17 Jun 2009 **Session ET 5 (Room E)**

09:00 Physics

SEOS: Ocean Currents

Valborg Byfield, Colette Robertson & Paolo Cippolini

Valborg Byfield, Colette Robertson, Paolo Cipollini

09:00 - 09:20

SEOS: Ocean Colour in the Coastal Zone

Hendrik Jan van der Woerd, Marieke A. Eleveld, Irene Kingma & Rainer Reuter

Hendrik Jan van der Woerd, Marieke A. Eleveld, Irene Kingma, Rainer Reuter

09:20 - 09:40

SEOS: Optics, Spectroscopy and Laser Remote Sensing

Rainer Reuter, Christina Klose & Hendrik Jan van der Woerd

Rainer Reuter, Christina Klose, Hans van der Woerd

09:40 - 10:00

10:00 Final Discussion and Conclusion

2nd EARSeL Workshop on Education and Training

Wed, 17 Jun 2009 **Session ET 5b (Room B)**

10:30 Coffee Break

11:00 **COST ACTION**

Carine Petit, Cost Office, Brussels

11:30 EARSeL General Assembly