

# → 6th ESA ADVANCED TRAINING COURSE ON LAND REMOTE SENSING

## *Course Overview*

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European Space Agency ESRIN, Frascati – ITALY

<sup>2</sup> RSAC c/o ESA-ESRIN

14–18 September 2015 | University of Agronomic Science and Veterinary Medicine Bucharest | Bucharest, Romania



## Context

### Why ESA ADVANCED TRAINING COURSES

- Action of **SEOM** (Scientific Exploitation of Operational Missions) element of EOEP-4 program

### Objectives

- Training the next generation of European and Canadian Principal Investigators (PIs)
- Teaching and demonstrating theoretical principles, processing algorithms, data products and their use in applications
- Introducing tools and methods for the scientific exploitation of EO satellite data
- Stimulating and supporting the scientific exploitation of ESA EO and Third Party operational missions

**seom**  
scientific exploitation  
of operational missions





# SEOM - <http://seom.esa.int>

**seom**  
scientific exploitation of operational missions

ESA SEOM OBJECTIVES ACTING LINES CONFERENCES NEWS TOOLBOX TRAININGS

ESA EO  
CORNERCUS  
SENTINEL  
NEW OPPORTUNITIES  
Invitations to Tender  
PARTNERS  
PROJECTS  
CONTACTS

**EO SCIENCE 2.0**  
12-16 October 2015  
ESA-Euro 1 Frascati, Rome (Italy)

**SENTINEL-1 INTERFEROMETRY SEOM STUDIES RESULTS**

**The SEOM (Scientific Exploitation of Operational Missions) element:**  
The prime objective of the SEOM element of the Earth Observation Envelope Program is to foster, support and expand the large international research community that the SES, ENVISAT and the Envisage programmes have built up over the last 20 years. It aims to further strengthen the international leadership of European Earth Observation research community by enabling them to extensively exploit observations from future European operational EO missions. SEOM will enable the science community to address many new areas of scientific research that will be opened by free and open access to data from operational EO missions.

**seom**  
scientific exploitation of operational missions

UTC2015 SEOM ESA

**NAVIGATION**  
HOME  
APPLICATION  
PROGRAMME  
LECTURERS  
WEB STREAMING  
ORGANISING COMMITTEE  
DEADLINES  
VENUE AND LOGISTICS  
LINKS  
CONTACT POINTS

**Land Training 2015 > Home**

**6th ESA ADVANCED TRAINING COURSE ON LAND REMOTE SENSING**  
14-18 September 2015 | University of Agronomic Science and Veterinary Medicine Bucharest | Bucharest, Romania

**Highlights**  
Sentinel-1A mosaic over Romania  
Released: 05/12/2014  
Romania seen from satellite  
Released: 05/12/2014

**News**  
05-2015 Submission Closed - Candidates Evaluation  
04-2015 Updated Programme including Lecturers  
02-2015 Preliminary Programme  
01-2015 Submission Opened  
12-2014 Website Opening

**Background**  
As part of the Scientific Exploitation of Operational Missions (SEOM) programme element, the European Space Agency (ESA) organises each year an advanced Land Training Course devoted to train the next generation of Earth Observation (EO) scientists to exploit data from ESA and operational EO Missions (e.g. Sentinel) for science and applications development.  
Post graduate, PhD students, post doctoral research scientists and users from European countries and Canada interested in Land Remote Sensing and its applications are invited to apply to the 5 day course on the subject, which will be held at the University of Agronomic Science and Veterinary Medicine Bucharest, Bucharest, Romania on 14-18 September 2015.  
Research scientists and students from all other countries are also welcome to apply and participate to the course subject to space availability.  
No participation fees will be charged for the training but participants are expected to cover their own travel and accommodation expenses (financial support is not available).  
The official language of the training course is English.

**Objectives**  
The Advanced Land Training Course aims at:

- Training the next generation of European and Canadian Principal Investigators (PIs);
- Explaining theoretical principles, processing algorithms, data products and their use in applications;
- Introducing tools and methods for the exploitation of EO satellite data, in particular Sentinels data;
- Stimulating and supporting the exploitation of ESA EO and Third Party Mission data for land remote sensing science and applications.



## Previous Training in Land RS





## Previous Training in Land RS



### Background

As part of the Scientific Exploitation of Operational Missions (SEOM), the European Space Agency (ESA) organises educational courses devoted to train the next generation of Earth Observation (EO) experts for ESA and operational EO Missions for science and applications.

Post graduate, PhD students, post doctoral researchers from Europe, Africa, Asia, Australia, Canada and countries interested in Land Remote Sensing can apply to the 5 day course on the subject, which will be held at the University of Valencia, Spain on 8-12 September 2014.



### → 6th ESA ADVANCED TRAINING COURSE ON LAND REMOTE SENSING

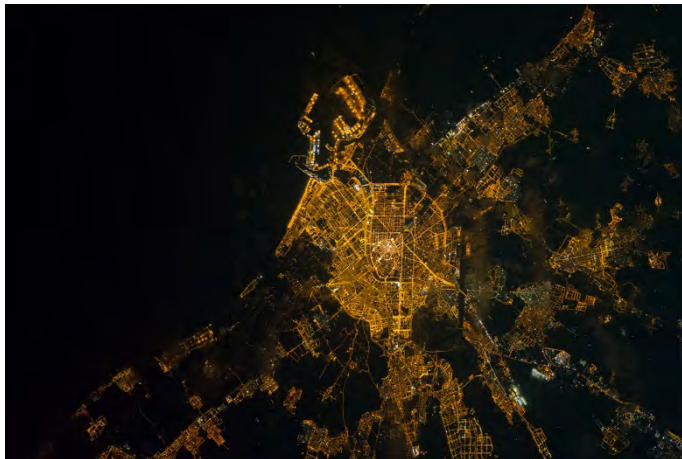
14-18 September 2015 | University of Agronomic Science and Veterinary Medicine Bucharest | Bucharest, Romania




# Intranet Web Stories

A [web story](#) was published on ESA portal about the Training Course

An [Image of the Week](#) showing Valencia, Spain from the ISS acquired on 6 October 2013 was published on ESA portal as well as on the Training Course website.





space for europe

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**European Space Agency**

## ESA TRAINS TOMORROW'S EARTH OBSERVATION SCIENTISTS




**17 September 2014**  
World-renowned remote sensing experts gathered in Valencia, Spain, last week to train the next generation of Earth observation scientists in the exploitation of satellite data for land applications.

As part of the Scientific Exploitation of Operational Missions programme, ESA organises the advanced Land Training Course each year.


The theoretical principles of land remote sensing and its Earth observation data with scientific applications such as agriculture, forests, hazards and urban planning.

PhD students from 36 countries gathered last week in Valencia to attend the week-long event.


Practical concepts of radar sensors, as well as integrating into consideration the different components, the course was organised in parallel sessions, addressing concepts in each field.




**Valencia, Spain**  
Released: 04/09/2014  
Rating: ★★★★★




**Valencia, Spain**  
Released: 04/09/2014  
Rating: ★★★★★




**Valencia, Spain**  
Released: 04/09/2014  
Rating: ★★★★★




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Released: 04/09/2014  
Rating: ★★★★★




**Valencia, Spain**  
Released: 04/09/2014  
Rating: ★★★★★




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Rating: ★★★★★



**Valencia, Spain**  
Released: 04/09/2014  
Rating: ★★★★★



# LTC 2015 Flyer

### DEADLINES

Website Opening	19 December 2014
Application Submission (opening)	19 January 2015
Application Submission (closing)	01 May 2015
Notification of Acceptance	by June 2015

### APPLICATION

The number of participants is limited to a maximum of 70 students and subject to selection of application. Students wishing to participate can apply on-line via the training course website.


Application submission will be available from **19 January to 01 May 2015**.

Notification of acceptance will be sent via e-mail by June 2015.

### FEES

No participation fees will be charged for the training. Participants are expected to finance their own travel and accommodation expenses. The official language of the course is English.

For further information please visit the Course website at:  
<https://seom.esa.int/landtraining2015>



Bucharest

### ORGANISING COMMITTEE




Yves Louis Desnos (ESA)	Alexandru Badea (UASMV)
Michael Fournellis (RSAC c/o ESA)	Donu Mihai (UASMV)
Irene Renis (Sero Sp.A. support ESA)	Ion Nedelcu (ROSA)
	Cosmin Nistor (ROSA)

### CO-SPONSORS

European Space Agency (ESA)  
Romanian Space Agency (ROSA)  
University of Agronomic Science and Veterinary Medicine Bucharest (UASMV)

### CONTACT POINTS

ESA	UASMV
Irene Renis	Alexandru Badea
e-mail: <a href="mailto:etraining@esa.int">etraining@esa.int</a>	e-mail: <a href="mailto:alexandru.badea@uasmv.ro">alexandru.badea@uasmv.ro</a>

## → 6th ADVANCED TRAINING COURSE ON LAND REMOTE SENSING

14–18 September 2015 | University of Agronomic Science and Veterinary Medicine Bucharest | Bucharest, Romania



ERS-2 SAR multitemporal colour composite over Bucharest (Red: July 2004, Green: January 2004 and Blue: April 2004)

### BACKGROUND

As part of the Scientific Exploitation of Operational Missions (SEOM) programme element, the European Space Agency (ESA) organises each year an advanced Land Training Course devoted to train the next generation of Earth Observation (EO) scientists to exploit data from ESA and operational EO Missions (e.g. the Sentinels) for science and applications development.

Post graduate, PhD students, post-doctoral research scientists and users from European countries and Canada interested in Land Remote Sensing and its applications are invited to apply to the 5 day course which will be held at the University of Agronomic Science and Veterinary Medicine Bucharest (UASMV), Bucharest, Romania from 14 to 18 September 2015.

Research scientists and students from all other countries are also welcome to apply and participate to the course subject to space availability.



SIA TOPS mosaic covering entire Romania

### OBJECTIVES

The Advanced Land Training Course aims at:

- Training the next generation of European and Canadian Principal Investigators (PIs);
- Explaining theoretical principles, processing algorithms, data products and their use in applications;
- Introducing tools and methods for the exploitation of EO satellite data, in particular from the Sentinels;
- Stimulating and supporting the exploitation of ESA EO and Third Party Mission data for land remote sensing science and applications.

### LECTURERS

The team of lecturers will be composed of Principal Investigators and Professors from leading universities and research institutions.



Southern central Romania as captured by Kompsat-2 satellite on January 2013 showing the transitional region between the Southern Carpathians and the lowland plains

### CONTENTS

The course will provide advanced scientific knowledge on theory and applications for land remote sensing. It will be organised around five main components:

- Presentation of the Sentinel-1, -2 and -3 missions;
- Theoretical fundamentals of spaceborne Optical, Thermal and SAR remote sensing;
- EO land applications lectures on Land Use and Land Cover, Change Detection, Terrain Motion, Hazards, Forest Bio-physical retrievals, Multi-temporal analysis, Flood monitoring, Snow Cover mapping, Climate (Water and Carbon);
- Practicals using ESA toolboxes for scientific exploitation of EO data;
- EO data processing and product demonstration for land resources monitoring.

The training course will include formal lectures by leading scientists as well as hands-on computing exercises exploiting real and simulated data for science and application.



## The Organizing Committee

- Yves-Louis Desnos (ESA)
- Michael Foumelis (RSAC c/o ESA)
- Irene Renis (Serco c/o ESA)
- Alexandru Badea (ROSA/ USAMV)
- Doru Mihai (USAMV)
- Ion Nedelcu (ROSA)
- Cosmin Nistor (ROSA)

### Co-sponsors

- European Space Agency (ESA)
- Romanian Space Agency (ROSA)
- University of Agronomic Science and Veterinary Medicine Bucharest (USAMV)



## The Teaching Team: Optical & Thermal Lecturers (1/2)

**Prof. M. Caetano** – *DGT/NOVA-IMS, Portugal*

**Prof. E. Chuvieco** – *University of Alicante, Spain*

**Prof. G. Duveiller** – *JRC, Italy*

**Dr. J.-P. Gastellu-Etchegorry** – *CESBIO, France*

**Mr. J. Malik** – *C-S, France*

**Prof. S. Niculescu** – *Univ. de Bretagne, France*

**Dr. F. Ramoino** – *ESA-ESRIN, Italy*

**Prof. B. Su** – *ITC, The Netherlands*

**Dr. S. van der Linden** – *Humboldt-Universität zu Berlin, Germany*



## The Teaching Team: SAR Lecturers

**Prof. M. Datcu** – *Politehnica University of Bucharest, Romania*

**Dr. M. Foumelis** – *ESA-ESRIN, Italy*

**Prof. R. Hanssen** – *TU Delft, The Netherlands*

**Prof. A. Hooper** – *University of Leeds, UK*

**Prof. E. Pottier** – *University of Rennes 1, France*

**Dr. D. Small** – *ETH, Switzerland*

**Dr. H. Yesou** – *SERTIT, France*

**Dr. M. Younis** – *DLR, Germany*

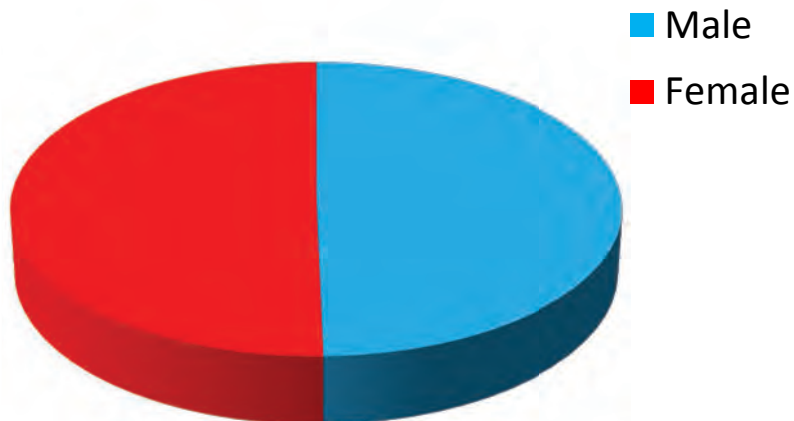


## The participants

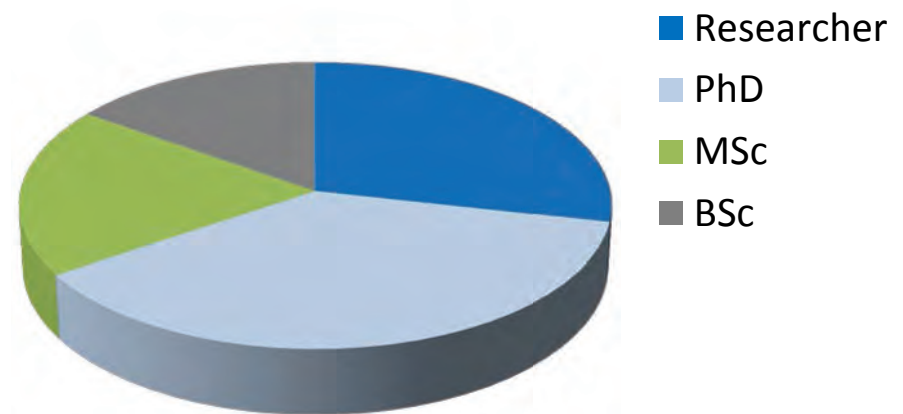
A total number of **151 participants** from 41 countries (127 EU-ESA Member State & 24 Non-ESA member)

Following an evaluation procedure **70/151** were selected

### Gender

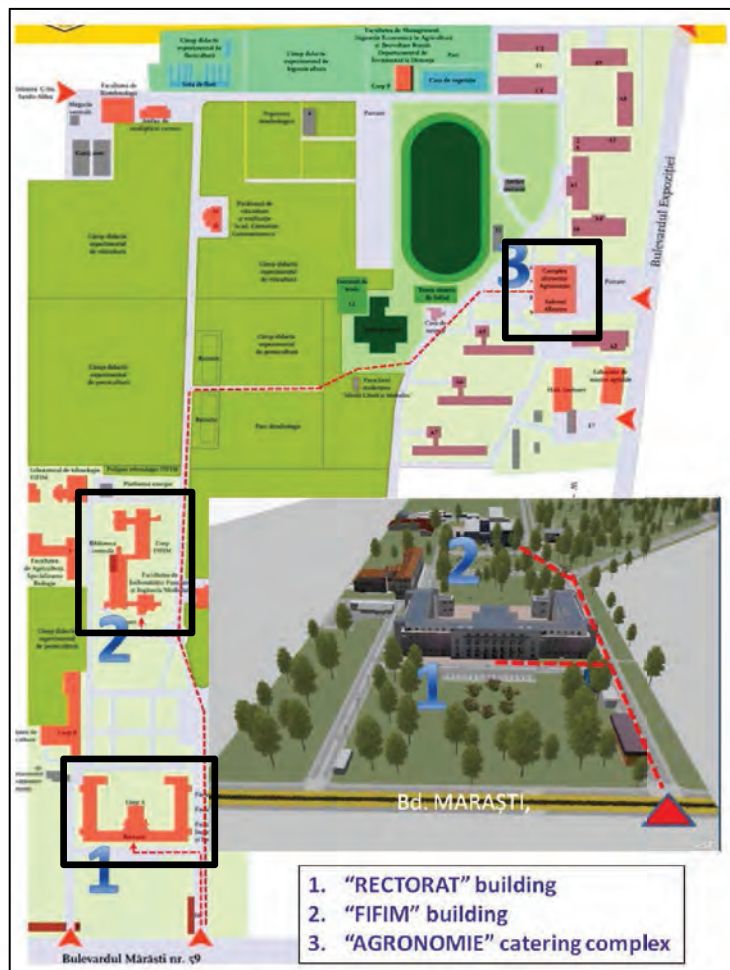


### Education Level





## Location



**RECTORAT** Building

**FIFIM** Building

**AGRONOMIE** Catering Complex



## Lectures and Practical Rooms

The **Registration Desk, Welcome and General Introduction, and Closing Ceremony** will be held at the Auditorium on the ground floor of the **RECTORAT** building.

Access to **RECTORAT** building by the main entrance, Amphitheater APA.

**Classrooms, training rooms, poster exhibition space and coordination room** are located at the **FIFIM** building.

- The **Lecture Rooms** will be held at the second floor at Block A of **FIFIM** building:
  - Block A Classrooms **A-II-1** (Optical/Thermal) and **A-II-2** (Radar)
- The **Practical Rooms** will be held at the first floor of **FIFIM** building:
  - Block C Classrooms **C-I-1** (Optical/Thermal) and **C-1-5** (Radar)
- The **Poster Session** will be held on the ground floor at Block A of **FIFIM** building
- **Coffee Breaks** will be held close to the training facilities depending the location of activities (opening and closing sessions, lectures or practical sessions)



## MONDAY 14 September 2015

08:30 - 09:30	<b>Registration</b>	
09:30 - 09:45	<b>Course overview</b>	
09:45 - 10:00	<b>Welcome Speeches by Local Organisers</b>	
10:00 - 10:15	<b>ESA SEOM Programme</b> Y.-L. Desnos ( <i>ESA-ESRIN</i> )	
Coffee break		
10:45 - 11:45	<b>Land Remote Sensing in Romania</b> A. Badea ( <i>ROSA</i> )	
11:45 - 12:15	<b>Sentinels for Science and Applications</b> Y.-L. Desnos ( <i>ESA-ESRIN</i> )	
12:15 - 12:45	<b>Sentinel Data Access &amp; Tools</b> M. Fournelis ( <i>RSAC c/o ESA-ESRIN</i> )	
Lunch		
14:15 - 15:30	<b>D1T1a</b> <b>Introduction to Optical/Thermal RS</b> E. Chuvieco ( <i>Univ. of Alcala, Spain</i> )	<b>D1T1b</b> <b>Introduction to SAR RS</b> M. Younis ( <i>DLR, Germany</i> )
Coffee break		
16:00 - 18:00	<b>D1T2a</b> <b>Advanced SAR 1</b> M. Younis ( <i>DLR, Germany</i> )	<b>D1T2b</b> <b>Advanced Optical 1</b> J.-P. Gastellu-Etchegorry ( <i>CESBIO, France</i> )
18:00 - 20:00	<b>Ice-breaker (Welcome Social Event)</b>	

ESA and  
3<sup>rd</sup> parties

THEORY

APPLICATION  
THEORY

PRACTICAL

RECTORAT building

FIFIM building



## TUESDAY 15 September 2015

	<b>SAR group</b>	<b>Optical &amp; Thermal groups</b>
08:30 - 10:15	<b>D2T1a</b> <b>Advanced SAR 2</b> R. Hanssen (TU Delft, The Netherlands)	<b>D2T1b</b> <b>Atmospheric Correction Fundamentals</b> J.-P. Gastellu-Etchegorry (CESBIO, France)
Coffee break		
10:45 - 12:45	<b>D2P1a</b> <b>Sentinel-1 Toolbox</b> M. Foumelis (RSAC c/o ESA, Italy)	<b>D2P1b</b> <b>Sentinel-2 Toolbox</b> J. Malik (CS, France)
Lunch		
14:15 - 15:30	<b>D2T2a</b> <b>SAR Polarimetry</b> E. Pottier (Univ. of Rennes 1, France)	<b>D2T2b</b> <b>Land Cover/Land Use</b> E. Chuvieco (Univ. of Alcala, Spain)
Coffee Break		
16:00 - 18:00	<b>D2P2a</b> <b>POLSARPRO TOOLBOX</b> E. Pottier (Univ. of Rennes 1, France)	<b>D2P2b</b> <b>Sentinel-3 Toolbox</b> J. Malik (CS, France)
18:00-19:30	<b>POSTER SESSION</b>	

ESA and  
3<sup>rd</sup> parties

THEORY

APPLICATION  
THEORY

PRACTICAL

Based on previous recommendation duration of practical exercises was increased to 2 hours.



QR Codes available for electronically submitted posters



## WEDNESDAY 16 September 2015

	<b>SAR group</b>	<b>Optical &amp; Thermal groups</b>
08:30 - 10:15	<b>D3T1a</b> <b>Flood Monitoring</b> H. Yesou (SERTIT, France)	<b>D3T1b</b> <b>Land Cover / Land Use</b> M. Caetano (DGT/NOVA-IMS, Portugal)
Coffee break		
10:45 - 12:45	<b>D3P1a</b> <b>Flood Monitoring</b> H. Yesou (SERTIT, France)	<b>D3P1b</b> <b>Land Cover / Land Use</b> M. Caetano (DGT/NOVA-IMS, Portugal)
Lunch		
14:15 - 15:30	<b>D3T2a</b> <b>Snow Mapping &amp; Monitoring</b> D. Small (ETH, Switzerland)	<b>D3T2b</b> <b>Urban Mapping &amp; Change Detection</b> S. van der Linden (Humboldt-Universität zu Berlin, Germany)
Coffee Break		
16:00 - 18:00	<b>D3P2a</b> <b>Snow Mapping &amp; Monitoring</b> D. Small (ETH, Switzerland)	<b>D3P2b</b> <b>Urban Mapping &amp; Change Detection</b> S. van der Linden (Humboldt-Universität zu Berlin, Germany)

## THURSDAY 17 September 2015

	<b>SAR group</b>	<b>Optical &amp; Thermal groups</b>
08:30 - 10:15	<b>D4T1a</b> <b>SAR Interferometry</b> R. Hanssen (TU Delft, The Netherlands)	<b>D4T1b</b> <b>Agriculture Monitoring</b> G. Duveiller (JRC, Italy)
Coffee break		
10:45 - 12:45	<b>D4P1a</b> <b>SAR Interferometry</b> R. Hanssen (TU Delft, The Netherlands)	<b>D4P1b</b> <b>Agriculture Monitoring</b> G. Duveiller (JRC, Italy)
Lunch		
14:15 - 15:30	<b>D4T2a</b> <b>Terrain Motion - Persistent Scatterers Interferometry</b> A. Hooper (Univ. of Leeds, UK)	<b>D4T2b</b> <b>Soil Moisture &amp; Water Resources</b> B. Su (ITC, The Netherlands)
Coffee Break		
16:00 - 18:00	<b>D4P2a</b> <b>Terrain Motion - Persistent Scatterers Interferometry</b> A. Hooper (Univ. of Leeds, UK)	<b>D4P2b</b> <b>Soil Moisture &amp; Water Resources</b> B. Su (ITC, The Netherlands)



## FRIDAY 18 September 2015

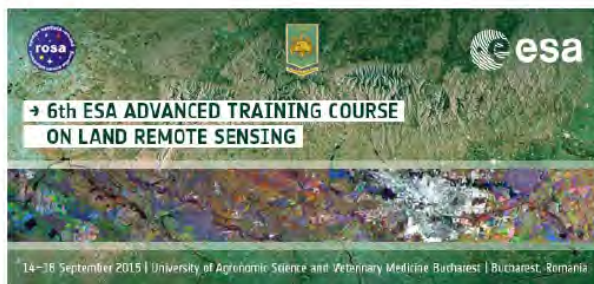
	<b>SAR group</b>	<b>Optical &amp; Thermal groups</b>
08:30 - 10:15	<b>D5T1a</b> <b>Data Mining</b> M. Datcu (Politehnica University of Bucharest, Romania)	<b>D5T1b</b> <b>Wetlands Monitoring</b> S. Niculescu (Univ. de Bretagne, France)
Coffee break		
10:45 - 12:45	<b>D5P1a</b> <b>Sentinel-1 - Do It Yourself Exercise</b> M. Fournelis (RSAC c/o ESA, Italy)	<b>D5P1b</b> <b>Sentinel-2 - Do It Yourself Exercise</b> F. Ramoino (Serco c/o ESA, Italy)
Lunch		
14:15 - 15:30	<b>D5T2</b> <b>Multi-temporal Analysis</b> L. Bruzzone (Univ. of Trento, Italy)	
Coffee Break		
16:00 - 18:00	<b>CLOSING CEREMONY</b> <b>Course Summary</b>	

Delivery of the  
**Certificate of Attendance**  
at the end of the course

RECTORAT building



## Welcome Package



### Welcome Package

Dear Participant,

We are glad to be the host of the 6th ESA Advanced Training Course on Land Remote

- Bag
- ESA/Copernicus brochures

If you haven't yet received the **Welcome Package** please see one of the organisers

There is access to Bucharest by plane through the **Henri Coandă International Airport** located in Otopeni, 16.5 km north of the city centre, with bus access\* (it takes 30 minutes and costs 5 euro) or taxi\*\*. If you pick a taxi from the airport to downtown, the ride will not be very long and not very expensive (less than 10 euro, to be paid in local currency, Romanian LEU (official rate approx. 4.45 Romanian Lei for 1 Euro)).

The airport has direct connections with the main European cities like London, Paris, Amsterdam, Brussels, Munich, Frankfurt, Milan, Rome, Lisbon, Warsaw, Madrid, Prague, Budapest, Sofia and many others.

\* Henri Coandă Airport is connected to the public transport company RATB system. The 780 route provides express bus service to Gara de Nord railway station in Bucharest, and the 783 route provides express bus service to the city center 24 hours a day. The bus stop is situated at the ground floor of the Arrival Hall. There are automatic machines and a kiosk for tickets purchasing (only in local currency). You can find your route and the possibility to buy prepaid transport titles on the RATB website <http://www.ratb.ro/en/index.php#>.

\*\* Taxis serving Henri Coandă Airport can be ordered using a touch screen system in the arrivals terminal (take the right direction after customs control), allowing the taxi drivers to enter the pick-up area. The car will be recognised by using the name of the company and a number printed on the ticket delivered by the system after ordering.





## POSTER Session Organization

**Poster Exhibition** open at the  
Ground Floor of the **FIFIM building**  
**on Tuesday**

- Mounting of posters from Tuesday 15 Sept. 2015
  - Lunch / PM breaks
- **Please check to find your poster board from the list is in poster area.**
- Boards are labelled, please mount on the correct board
- Please take time to view the posters during the session
- Opportunity to exchange contacts and ideas

**Poster Session: 18:00 to 19:30**  
**Tuesday 15 Sept. 2015**

- Adjudication by lecturers and organising committee
- Two Categories
  - *Optical /Thermal*
  - *SAR*
- 1 award for best poster in each category
- **Awards during Friday's closing session**



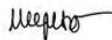


## BEST POSTER AWARD

For the best poster paper in SAR presented at the

→ **6th ADVANCED TRAINING COURSE IN LAND REMOTE SENSING**

14–18 September 2015 | University of Agronomic Science and Veterinary Medicine Bucharest | Bucharest, Romania

A handwritten signature in black ink, appearing to read "M. Piso".

Dr. Marius Ioan Piso  
President and CEO  
Romanian Space Agency

A handwritten signature in black ink, appearing to read "R. Teodorescu".

Dr. Razvan Ionut Teodorescu  
Rector  
University of Agronomic Science and  
Veterinary Medicine of Bucharest

A handwritten signature in black ink, appearing to read "M. Borgeaud".

Dr. Maurice Borgeaud  
Head of Science, Applications  
& Future Technologies Department  
Directorate of Earth Observation Programmes  
European Space Agency



## On-line Course Evaluation

Page 1 / 1 [Report Abuse](#)

### ESA LTC 2015 Evaluation Questionnaire

Now that you have completed the ESA Advanced Training Course in Land Remote Sensing 2015, please take the time to answer a few questions on the course, its organization and contents. We will use your feedback to improve the lectures and practicals for any future training. Please answer the questions frankly. The questionnaire is anonymous. You can answer by ticking the selected box or by writing a few words.

How did you find out about the training course?

☐ Internet

☐ E-mail

☐ Colleagues

☐ Conferences

☐ Other (Please Specify):

Prior the course, was the communication with the organizing team good?

☐ Yes

☐ No

Comments:

Prior to the course, were the provided information and material available on the website appropriate/sufficient?

☐ Yes

☐ No

Comments:

- To provide feedback to improve for future courses
- 10 minutes to complete
- The questionnaire is anonymous
- Link to website will be provided by email



## On-line ESA Toolboxes Survey

ESA SeNtinel Application Platform (SNAP) User Survey

There are 26 questions in this survey.

What missions and data products do you mostly use?

Do you have any previous experience working with ESA Toolboxes (e.g. BEAM, NEST, etc.)?  
Check any that apply

☐ No  
☐ BEAM  
☐ NEST  
☐ Other:

If you do have previous experience with ESA Toolboxes, please tell us more :

How easy was it to install Sentinel Toolboxes ?

1 2 3 4 5 😊

Please enter your comment here :

How user-friendly is the software's interface ?

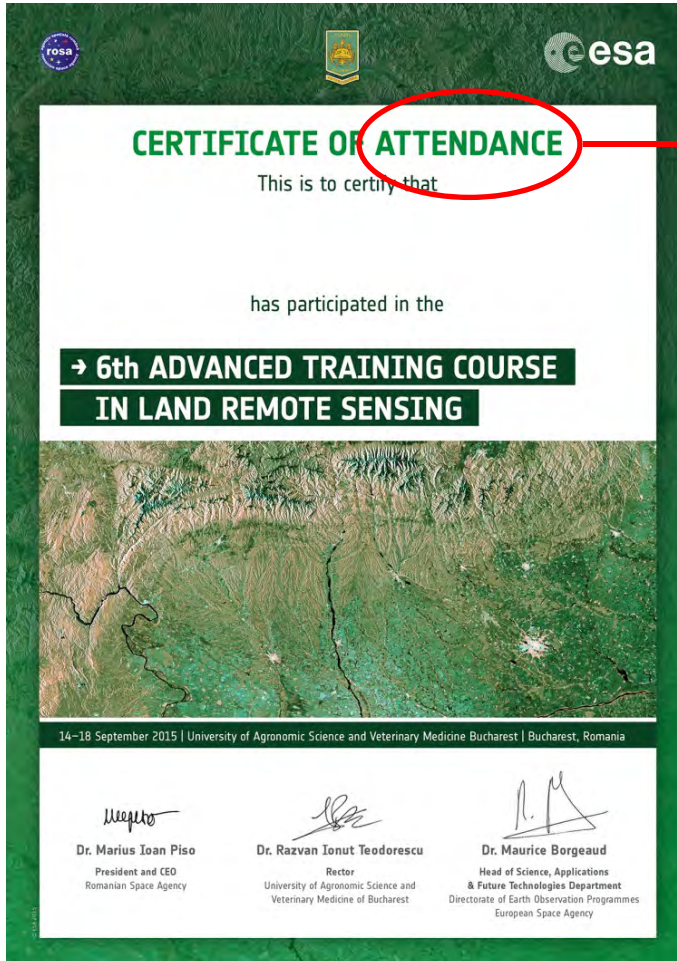
1 2 3 4 5 😊

Please enter your comment here :

- Provide feedback on the Sentinel Toolboxes
- Graphical User Interface friendliness
- Propose additional functionalities
- The questionnaire is anonymous
- Link to website will be provided by email



## Certificate of Attendance



1. To get a certificate, attendance is mandatory for **all** lectures and practical classes
2. Not enough to attend one or two lectures or to pick and choose from the programme
3. Attendance lists will be in circulation
4. Certificates will be awarded during the closing ceremony **Friday 18 Sept. 2015**

**Plus ECTS Credits from USAMV**  
(if required)



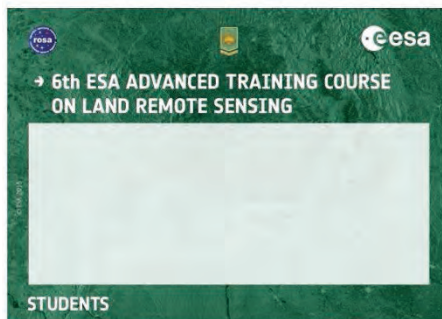
## Badges

Colour coded:

- Lectures – Blue
- Students – Green
- Guests – Red
- Organisers – Light brown

Helps us to get to know each other's names

Please wear at all times while on site (guests of the University for the week)







## WiFi Internet Access

**IFIM-ETAJ1**

PASS: ifim1234

**Etaj2**

PASS: ifim1234etaj2



## Further Info

- Training **Course Material** updated on LTC2015 website (by end of September 2015)
- The **registration desk** will be open every day during coffee break in the morning for the whole week
- In case of **any need** please ask the organizing team (contact numbers provided in the welcome package)

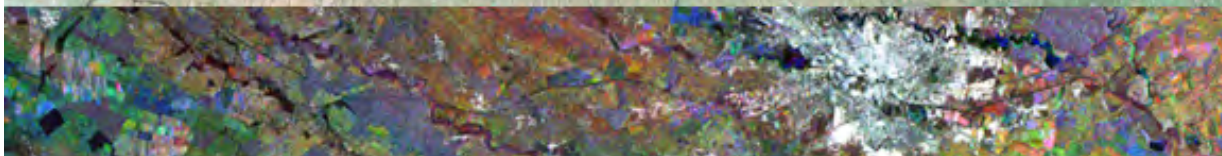




***We wish you a pleasant stay in Bucharest  
and a successful Training Course!***



**→ 6th ESA ADVANCED TRAINING COURSE  
ON LAND REMOTE SENSING**



14–18 September 2015 | University of Agronomic Science and Veterinary Medicine Bucharest | Bucharest, Romania

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