

**4th ESA Advanced Training Course in Land Remote Sensing 2013**  
Athens, Greece  
01-05 July 2013

**Legend**

	ESA & 3rd parties
	Theory
	Application Theory
	Practical

<b>Day 1 - Monday 1 July 2013</b>	
09:00 - 09:30	<b>Opening Session</b>
09:30 - 09:50	<b>Course overview</b>
09:50 - 10:20	<b>ESA EO Programmes</b> Y.-L. Desnos
10:20 - 11:00	<i>Coffee Break &amp; Group picture</i>
11:00 - 12:30	<b>Land Training Course Web streaming Introduction</b> Y.-L. Desnos <b>Optical/Thermal Remote Sensing in Greece</b> C. Cartalis <b>SAR Applications in Greece</b> I. Parcharidis
12:30 - 14:00	<i>Lunch</i>
14:00 - 16:00	<b>D1T1</b> <b>SAR: Principles &amp; Applications</b> A. Moreira
16:00 - 16:30	<i>Coffee Break</i>
16:30 - 18:30	<b>D1T2</b> <b>Optical/Thermal: Principles &amp; Applications</b> J. Moreno
18:30 - 20:00	<b>Ice-breaker (welcome social event)</b>

<b>Day 2 - Tuesday 2 July 2013</b>		
	<b>SAR Group (A)</b>	<b>Optical &amp; Thermal Group (B, C)</b>
08:30 - 10:00	<b>D2T1a</b> <b>SAR Basic Concepts</b> K. Papathanassiou	<b>D2T1b</b> <b>Optical Basic Concepts</b> J. Moreno
10:00 - 10:30	<i>Coffee Break</i>	
10:30 - 12:30	<b>D2T2a</b> <b>Radar Polarimetry</b> E. Pottier	<b>D2T2b</b> <b>Optical Advanced Concepts</b> J. Moreno
12:30 - 14:00	<i>Lunch</i>	
14:00 - 15:00	<b>Sentinel Missions</b> Y.-L. Desnos	
15:00 - 16:00	<b>Access to ESA EO data</b> A. Minchella on behalf of EOPI Team	

16:00 - 16:30	<i>Coffee Break</i>
16:30 - 17:00	<b>D2T3</b> <b>ESA &amp; Third Party Toolboxes: POLSARPRO</b> <i>E. Pottier</i>
17:00 - 17:30	<b>D2T4</b> <b>ESA &amp; Third Party Toolboxes: ORFEO</b> <i>M. Savinaud</i>
17:30 - 18:00	<b>D2T5</b> <b>ESA &amp; Third Party Toolboxes: BEAM</b> <i>D. Odermatt</i>
18:00 - 18:30	<b>D2T6</b> <b>ESA &amp; Third Party Toolboxes: NEST</b> <i>A. Minchella</i>
18:30 - 20:00	<b>Poster Session</b>

### Day 3 - Wednesday 3 July 2013

	<b>SAR Group (A)</b>	<b>Optical &amp; Thermal Group (B, C)</b>
08:30 - 10:00	<b>D3T1a</b> <b>Radar Polarimetry: Advanced Concept</b> <i>E. Pottier</i>	<b>D3T1b</b> <b>Thermal Basic Concepts</b> <i>B. Su</i>
10:00 - 10:30	<i>Coffee Break</i>	
10:30 - 12:30	<b>D3P1a</b> <b>POLSARPRO Toolbox</b> <i>E. Pottier</i>	<b>D3P1b</b> <b>ORFEO Toolbox</b> <i>M. Sauvinaud</i>
12:30 - 14:00	<i>Lunch</i>	
14:00 - 16:00	<b>D3T2a</b> <b>SAR Interferometry</b> <i>T. Wright</i>	<b>D3T2b</b> <b>Thermal Advanced Concepts</b> <i>B. Su</i>
16:00 - 16:30	<i>Coffee Break</i>	
16:30 - 18:30	<b>D3T3a</b> <b>Forest &amp; Agriculture</b> <i>C. Schmullius</i>	<b>D3P2b</b> <b>BEAM Toolbox</b> <i>D. Odermatt</i>

### Day 4 - Thursday 4 July 2013

	<b>SAR Group (A)</b>	<b>Optical Group (B)</b>	<b>Thermal Group (C)</b>
08:30 - 10:00	<b>D4T1a</b> <b>Floods &amp; Lakes Monitoring</b> <i>H. Yesou</i>	<b>D4T1b</b> <b>Land Use/Cover &amp; Change Detection</b> <i>M. Caetano</i>	
10:00 - 10:30	<i>Coffee Break</i>		
10:30 - 11:30	<b>D4P1a</b> <b>Floods &amp; Lakes Monitoring</b> <i>H. Yesou</i>	<b>D4T1b (cont.)</b> <b>Land Use/Cover &amp; Change Detection</b>	
11:30 - 12:30	<b>D4P1a (cont.)</b> <b>Floods &amp; Lakes Monitoring</b> <i>H. Yesou</i>	<b>D4P1b</b> <b>Land Use/Cover &amp; Change Detection</b> <i>M. Caetano</i>	

12:30 - 14:00	<i>Lunch</i>		
14:00 - 15:00	<b>D4P2a</b> <b>Hands on using NEST - Interferogram generation over the Etna Volcano, Italy</b> <i>A. Minchella</i> <i>M. Fomelis</i>	<b>D4P1b (cont.)</b> <b>Land Use/Cover &amp; Change Detection</b>	
15:00 - 16:00	<b>D4P2a (cont.)</b> <b>Hands on using NEST - Interferogram generation over the Etna Volcano, Italy</b> <i>A. Minchella</i> <i>M. Fomelis</i>	<b>D4T2b</b> <b>Multi-temporal Analysis</b>  <i>L. Bruzzone</i>	<b>D4T2c</b> <b>Hot-Spot &amp; Fire Detection</b>  <i>H. Kontoes</i>
16:00 - 16:30	<i>Coffee Break</i>		
16:30 - 18:30	<b>D4P3a</b> <b>Forest &amp; Agriculture</b> <i>C. Schmullius, A. Minchella,</i> <i>M. Fomelis</i>	<b>D4P2b</b> <b>Multi-temporal Analysis</b>  <i>L. Bruzzone</i>	<b>D4P2c</b> <b>Hot-Spot &amp; Fire Detection</b>  <i>H. Kontoes</i>
Evening	<b>Hosted Social event</b>		

### Day 5 - Friday 5 July 2013

	<b>SAR Group (A)</b>	<b>Optical Group (B)</b>	<b>Thermal Group (C)</b>
08:30 - 10:00	<b>D5T1a-1</b> <b>Terrain Motion</b> <i>T. Wright</i>	<b>D5T1b</b> <b>Agriculture</b> <i>G. Duveiller</i>	<b>D5T1c</b> <b>Soil moisture &amp; Water Resource Applications</b> <i>B. Su</i>
10:00 - 10:30	<i>Coffee Break</i>		
10:30 - 12:30	<b>D5T1a-2 - D51a-3</b> <b>Terrain Motion 2</b>  <b>Terrain Motion 3</b>  <i>T. Wright</i>	<b>D5P1b</b> <b>Agriculture</b>  <i>G. Duveiller</i>	<b>D5P1c-1 - D5P1c-2</b> <b>Earth Observation of Water Resources</b>  <i>Terrestrial Water Storage - Drought Monitoring</i> <i>B. Su, L. Wang</i>
12:30 - 14:00	<i>Lunch</i>		
14:00 - 15:00	<b>D5P1a</b> <b>Terrain Motion: Interpreting and Modelling Interferograms</b>  <i>T. Wright</i>	<b>D5T2b</b> <b>Glacier Mapping and Monitoring</b>  <i>T. Bolch</i>	<b>D5T2c</b> <b>Soil moisture &amp; Water Resource Applications</b>  <i>B. Su</i>
15:00 - 16:00	<b>D5P1a (cont.)</b> <b>Terrain Motion: Interpreting and Modelling Interferograms (cont.)</b>  <i>T. Wright</i>	<b>D5P2b</b> <b>Glacier Mapping and Monitoring</b>  <i>T. Bolch</i>	<b>D5P2c</b> <b>Soil Moisture Retrieval</b>  <i>B. Su, L. Wang</i>
16:00 - 16:30	<i>Coffee Break</i>		
16:30 - 17:00	<b>Q &amp; A Session</b>		
17:00 - 18:00	<b>CLOSING CEREMONY</b> Course Summary		