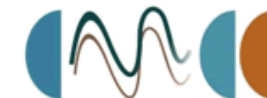




University of Sassari
 Department of Economics
 and Woody Plant
 Ecosystems (DESA)



Doctoral School
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CMCC
 Centro Euro-Mediterraneo
 per i Cambiamenti Climatici

Summer School on
CLIMATE CHANGE AND AGRICULTURE

September 14- 18, 2009

Hotel Calabona

Alghero

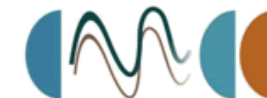
	<u>AFTERNOON</u>		
	13:00- 14.00	14.30 – 15.00	15.00 – 18.00
<p><u>MONDAY, SEPTEMBER 14</u></p> <p><u>ADAPTATION AND MITIGATION</u></p>	<p><i>REGISTRATION</i></p>	<p><i>DONATELLA SPANO, DESA, UNIVERSITY OF SASSARI</i></p> <p>WELCOME TO PARTICIPANTS SUMMER SCHOOL PROGRAMME PRESENTATION</p>	<p><i>FABIO EBOLI, FONDAZIONE ENI ENRICO MATTEI, ITALY</i></p> <p>ADAPTATION AND MITIGATION Adaptation and mitigation strategies and their economic evaluation</p>



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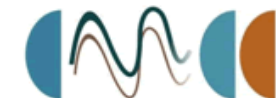
	<u>MORNING</u>		<u>AFTERNOON</u>	
	9:00-11.00	11.30 – 13.30	14.30 – 17.30	18.00 – 19.00
<u>TUESDAY, SEPTEMBER 15</u> <u>MODELS AND TOOLS</u>	GERRIT HOOGENBOOM, UNIVERSITY OF GEORGIA, USA INTRODUCTION TO CROP GROWTH MODELS General overview of crop models Scientific basis of the DSSAT	GERRIT HOOGENBOOM, UNIVERSITY OF GEORGIA, USA CROP GROWTH MODELS Description of the DSSAT and its modules Possible integration of crop simulation models with database and GIS.	TED DEJONG, UNIVERSITY OF CALIFORNIA, DAVIS TREE CROP MODELS Growth models and carbon partitioning in fruit trees Evaluation of how climate change will affect fruit tree production in Mediterranean climates	GERRIT HOOGENBOOM, UNIVERSITY OF GEORGIA, USA/ TED DEJONG, UNIVERSITY OF CALIFORNIA, DAVIS CASE STUDY DISCUSSION



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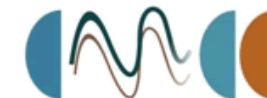
	<u>MORNING</u>		<u>AFTERNOON</u>		
	9.00 – 11.00	11.30 – 13.30	14.30 – 15.15	15.15 – 16.00	16.30 – 18.30
<u>WEDNESDAY, SEPTEMBER 16</u> <u>WATER</u>	<i>RICHARD SNYDER,</i> <i>UNIVERSITY OF CALIFORNIA,</i> <i>DAVIS</i> CLIMATE CHANGE and WATER RESOURCES MANAGEMENT: MODELS and TOOLS (CUP - M, CUP+ -M, and SIMETAW)	<i>RICHARD SNYDER,</i> <i>UNIVERSITY OF CALIFORNIA,</i> <i>DAVIS</i> CUP - M, CUP+ -M, and SIMETAW. Applications and case studies	POSTER SESSION	<i>PARTICIPANTS</i> PRESENTATION / DISCUSSION OF RESEARCH WORKS Students are asked to give a presentation on their research activities. An open discussion between students and the course lecturers will be encouraged.	<i>RAFFAELLO CERVIGNI,</i> <i>WORLD BANK WASHINGTON D.C.</i> WATER AND AGRICULTURE, CGE MODELS (to be confirmed)



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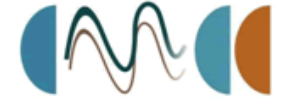
	<u>MORNING</u>		<u>AFTERNOON</u>	
	9.00 – 11.00	11.30 - 13.30	14.30 – 16.30	17.00 – 18.30
<u>THURSDAY, SEPTEMBER 17</u>				
<u>LAND USE</u>	<p><i>GUNTER FISCHER, IIASA, AUSTRIA</i></p> <p>LAND EVALUATION TECHNIQUES</p> <p>AEZ land suitability and productivity assessment methodology</p>	<p><i>GUNTER FISCHER, IIASA, AUSTRIA</i></p> <p>LAND EVALUATION TECHNIQUES</p> <p>AEZ results regarding climate change impacts and adaptation uses of AEZ information in global food security studies.</p>	<p><i>GUNTER FISCHER, IIASA, AUSTRIA</i></p> <p>LAND EVALUATION TECHNIQUES</p> <p>AEZ regional examples (China and Europe)</p>	<p><i>MONIA SANTINI, TUSCIA UNIVERSITY, ITALY</i></p> <p>CHANGES IN LAND USE: IMPACTS ON AGRICULTURE AREAS</p>



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	<u>MORNING</u>	
	9.00 – 11.00	11.30-13.30
<u>FRIDAY, SEPTEMBER 18</u>		
<u>DOWNSCALING</u>	<i>EDOARDO BUCCHIGNANI, CENTRO ITALIANO RICERCHE AEROSPAZIALI</i>	<i>MARTIN DUBROVSKY, INSTITUTE OF ATMOSPHERIC PHYSICS, PRAGUE</i>
	DYNAMIC DOWNSCALING AND REGIONAL MODELS	STATISTICAL DOWNSCALING Climate Change Scenarios Weather Generators Software Systems