

## WORKSHOP -

### SAVE OUR SOILS - Decision Supporting tools towards SDG's policy implementation

27 -28 APRIL 2022

**27 APRIL 2022**

	TOPIC (SPEAKER)	DURATION (MIN)
08:15	<b>Arrival of meeting participants – Registration Desk (at Sala Cinese)</b> Poster Delivery	
08:45	<b>LANDSUPPORT Introductory video, General Intro, Objectives of the Save Our Soils Workshop and Housekeeping</b> Fabio Terribile (University of Napoli Federico II) and Kathrin Prebeck (Modis)	15
09:00	<b>Welcome by the Dean of the University and Assessor of Agricoltura Campania</b> Danilo Ercolini (University of Napoli Federico II) and Nicola Caputo (Regione Campania)	15
09:15	<b>An intro to Decision Supporting tools towards SDG's policy implementation</b> Fabio Terribile (Coordinator of the H2020 project LANDSUPPORT, UNA)	20
09:35	<b>An insight into the LANDSUPPORT GCI: a journey between federated datacubes, HPC processing, COMPs and GUI</b> Giuliano Langella (University of Napoli Federico II), Peter Baumann (RASDAMAN, Bremen), Daniele Lezzi (Barcelona Supercomputing Centre), Carlo De Michele (ARIESPACE, Naples)	30
<b>Scientific Session: Tools for Policies Implementation in Agriculture</b>		
10:05	<b>Exploring policy and research interactions: bioeconomy perspectives</b> Alessandra Pesce (Ministry of Agriculture, Italy)	20
<b>Part 1 – Agriculture – Key Questions</b>		
10:25	<b>Large scale restoration of the EU agricultural soils: facilitating carbon farming in the post 2020 Common Agricultural Policy</b> Pilar Andrés (Centre for Ecological Research and Forestry, Barcelona)	15
10:40	<b>Can conservation agriculture enhance soil organic carbon sequestration in Mediterranean and humid subtropical climates? A meta-analysis</b> Alessia Perego (University of Milan)	15
10:55	<b>Spatial modelling of soil carbon and nitrogen dynamics in agricultural systems in the UK</b> Marcelo Valadares Galdos (University of Leeds)	15
11:10	<b>Coffee Break (Biblioteca)</b>	15
<b>Part 2 – Agriculture – Operational Systems</b>		
11:25	<b>Climate change and agriculture: modelling and DSS for environmental and production sustainability of Mediterranean cropping systems</b> Domenico Ventrella (Council for Agricultural Research and Economics, Italy)	15
11:40	<b>An S-DSS tool to support CAP implementation at regional scale</b> Angelo Basile (National Research Council, Italy)	15
11:55	<b>An overview of the LANDSUPPORT tools for agriculture (vineyard, olive grove and agroclimatic services)</b> Piero Manna (National Research Council, Italy)	15
12:10	<b>Roundtable “Science into Policy” – how can we transform the insights to improve related policies?</b> Moderated by Francesco Vuolo (University of Natural Resources and Life Sciences, Vienna) Speakers: Maria Passari (Regione Campania, Italy) Sayed Azam-Ali (Crops For The Future, United Kingdom) Pandi Zdruli (CIHEAM Bari, Italy) Pasquale Steduto (former Chief FAO Water Service, Italy)	60
13:10	<b>Lunch, Posters and Guided Testing (Biblioteca)</b>	90

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**Scientific Session: Tools for Land Degradation and Land Take**

14:40	<b>The relevance of science-policy interfaces for the land degradation and restoration assessment</b> Luca Montanarella (Joint Research Centre, EC)	20
<b>Part 1 – Land Degradation – Key Questions</b>		
15:00	<b>The EJP SOIL projects ‘SIREN’ (headline results) and ‘MINOTAUR’ (outlook) – online</b> Jack Faber (Wageningen Environmental Research, The Netherlands)	15
15:15	<b>Food security and carbon sequestration need soil protection</b> Heide Spiegel (Austrian Agency for Health and Food Safety (AGES), Institute for Sustainable Plant Production, Department for Soil Health and Plant Nutrition, Austria)	15
15:30	<b>Spatial strategies for the location of ground-mounted photovoltaics sites</b> Markus Reinke (University of Applied Sciences Weihenstephan-Triesdorf, near Munich)	15
15:45	<b>Windbreaks and multifunctional hedges as instruments of soil protection - experiences in Lower Austria</b> Christian Steiner (European Soil Alliance, representative for Austria)	15
16:00	<b>Coffee Break (Biblioteca)</b>	15
<b>Part 2 – Land Degradation – Operational Systems</b>		
16:15	<b>Land Take Monitoring and Assessment in Italy</b> Michele Munafo (Italian Institute for Environmental Protection and Research, Rome)	15
16:30	<b>Geospatial Decision Support tools to challenge land take in Europe and Italy</b> Giuliano Langella (University of Napoli Federico II)	15
16:45	<b>Soil filtering capacity towards groundwater protection from pesticide and nitrates</b> Marialaura Bancheri (National Research Council)	15
17:00	<b>An S-DSS system to manage landslide risk in Campania region</b> Francesco Fusco (Polytechnic University of Milan and University of Napoli Federico II)	15
17:15	<b>Roundtable “Science into Policy” – how can we transform the insights to improve related policies?</b> Moderated by Fabio Terribile (University of Napoli Federico II) <i>Speakers:</i> Giuseppe Corti (Council for Agricultural Research and Economics, Italy) Kris Van Looy (Member of the Scientific Advisory Board; The Public Waste Agency of Flanders, Belgium) Christian Steiner (European Soil Alliance, representative for Austria) Marichela Sepe (National Institute of Urban Planning, Italy)	60
18:15	<b>Short summary and final notes of the day</b> Fabio Terribile (University of Napoli Federico II)	10
18:30	<b>Departure to Naples from the front of the Royal Palaces</b>	
19:30	<b>Working Dinner</b> Restaurant Antonio & Antonio Via Partenope, 26 80121 Napoli	

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08:15	<b>Arrival of meeting participants – Registration Desk (at Sala Cinese)</b>	
09:00	<b>Welcome</b> Fabio Terribile (University of Napoli Federico II), Felice Casucci (Assessor Tourism in Regione Campania)	20
<b>Scientific Session: Tools for Biodiversity and Ecotourism</b>		
09:20	<b>Biodiversity: a journey between science and policies</b> Danilo Russo (University of Napoli Federico II)	20
<b>Part 1 – Biodiversity – Key Questions and Operational Systems</b>		
09:40	<b>Role of soil biodiversity in promoting soil health</b> Stefano Mocali (Council for Agricultural Research and Economics, Italy)	15
09:55	<b>Innovation in soil management of fruit orchards and grape vineyards to promote biodiversity</b> Eligio Malusà (National Institute of Horticultural Research, Poland)	15
10:10	<b>Save soil microbial diversity for sustainable agriculture</b> Gabriele Berg (Technical University Graz, Austria)	15
10:25	<b>The LANDSUPPORT Biodiversity SDSS tool in Campania region</b> Giuliano Ferraro (University of Napoli Federico II)	15
10:40	<b>Coffee Break</b>	20
<b>Part 2 – Ecotourism – Key Questions and Operational Systems</b>		
11:00	<b>Creating, harmonising and implementing a geospatial database for cultural heritage in rural Campania</b> Pasquale Miranda (University of Napoli Federico II)	15
11:15	<b>A S-DSS tool to support Ecotourism and Rural Tourism at Regional scale</b> Antonio Mileti (University of Napoli Federico II)	15
11:30	<b>Roundtable “Science into Policy in Biodiversity and Ecotourism” – how can we transform the insights to improve related policies?</b> Moderated by Danilo Russo (University of Napoli Federico II) Speakers: Maurizio Frassinetti (expert on biodiversity and former Campania Regional Council member Carlo Jacomini (The Italian Institute for Environmental Protection and Research, Rome - ISPRA) Costanza Pratesi (Fondo per l’Ambiente Italiano - FAI) Giovanna Rispoli (Agritourist Association Campania) TBD Officer from Assessorato Turismo Regione Campania	60
12:30	<b>Final Notes and Close of Workshop</b> Fabio Terribile (University of Napoli Federico II)	15
12:45	<b>LANDSUPPORT Press Conference</b> TBD	30
13:15	For those who will not depart right away - <b>Guided Tour in the botanical garden: A journey between plants, soils and LANDSUPPORT</b> Light Lunch (for those who remain for the Soil Policy Workshop)	

**SOIL POLICY WORKSHOP**  
(ITALIAN AND ENGLISH WITH SIMULTANEOUS TRANSLATION)

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	TOPIC (SPEAKER)	DURATION (MIN)
14:15	<p><b>Introductory note</b> Roberto Cingolani- Italian Minister For Ecological Transition TBC</p> <p><b>Towards an EU Soil Health Law</b> Luca Montanarella (JRC – European Commission)</p> <p><b>A proposal for a Soil Framework Law in Italy (presentation in Italian)</b> Paola Nugnez (Senato della Repubblica)</p> <p><b>LANDSUPPORT translated into Soil Policy</b> Fabio Terribile (Università di Napoli Federico II)</p>	60
15:15	<p><b>Roundtable on soil policy</b> (Moderator TBC)</p> <p>Speakers:</p> <p>Virginia La Mura (Senato della Repubblica) (presentation in Italian)</p> <p>Michele Munafò (ISPRA)</p> <p>Eleonora Bonifacio (Italian Society of Pedology, University Torino)</p> <p>Giuseppe Corti (CREA)</p>	60