



Session 10 - Regional geochemical mapping and its environmental application

Oral session

 	When: 14th June 2012 h. 9.00-18.00 Where: Aula Magna (Viale A. Moro 30)	Chairman - De Vivo Benedetto Convenor - Alessandro Amorosi Covenor - Guermandi Marina
9.00 – 9.10	Welcome	
9.10 – 9.30	DISTRIBUTION POTENTIALLY TOXIC ELEMENTS IN SOILS DEVELOPED ON KARST IN CROATIA Miko Slobodan, Zoran Peh, Ozren Hasan, Martina Sparica Miko Conference speaker	
9.30 – 9.50	THE GEMAS PROJECT: GEOCHEMISTRY OF EUROPEAN AGRICULTURAL AND GRAZING LAND SOILS De Vivo Benedetto, Stefano Albanese, Annamaria Lima, Clemens Reimann, Manfred Birke, Ilse Schoeters, Alecos Demetriades, GEMAS Project Team Conference speaker	
9.50 - 10.10	CONTRIBUTION OF SOIL STUDIES TO GEOCHEMICAL MAPPING: THE PEDOGEOCHEMICAL MAP OF EMILIA-ROMAGNA PLAIN AT 1:250000 SCALE Amorosi Alessandro, Marina Guermandi, Nazaria Marchi, Irene Sammartino Conference speaker	
10.10 – 10.30	EUROPEAN AND NATIONAL REGULATORY FRAMEWORK ON CONTAMINATED SOIL MANAGEMENT D'Aprile Laura Conference speaker	

10.30 – 10.50	<p>ASSESSING BACKGROUND VALUES OF METALS AND METALLOIDS IN SOILS OF THE VENETO REGION Giandon Paolo, Adriano Garlato, Francesca Ragazzi</p>
	Conference speaker
11.00 – 11.30	Coffee break at Conference Room A
11.40 – 12.00	<p>ASSESSMENT AND SPATIAL PREDICTION OF SOIL DIFFUSE CONTAMINATION BY INORGANIC POLLUTANTS IN THE PROVINCE OF TURIN - NORTHERN ITALY Fabietti Gabriele, Renzo Barberis, Mattia Biasioli</p>
	Conference speaker
12.00 – 12.20	<p>REGIONAL GEOCHEMICAL MAPPING OF TOPSOIL HEAVY METALS: A SCORPAN KRIGING APPROACH CONDITIONAL ON SOIL MAP DELINEATIONS AND LAND USE Ungaro Fabrizio, Nazaria Marchi, Costanza Calzolari, Marina Guermandi</p>
	Conference speaker
12.20 – 12.40	<p>THEORETICAL ASSESSMENT ON THE EMILIA ROMAGNA PEDOGEOCHEMICAL MAP IN RELATION TO THE RISK ANALYSIS MODELS Villani Igor</p>
	Conference speaker
12.40 – 13.00	<p>NATURAL BACKGROUND CONCENTRATIONS OF METALS IN ALLUVIAL DEPOSITS IN THE VALLEY OF TRENTO (ITALY) Segatta Giovanni, Wolfgang Genthe</p>
	Conference speaker

13.00 - 13.20	<p>THE GEOCHEMICAL ATLAS OF AGRICULTURAL AND GRAZING LAND SOILS OF ITALY De Vivo Benedetto, Cicchella Domenico, Giaccio Lucia, Lima Annamaria, Stefano Albanese, Enrico Dinelli, Paolo Valera</p>
	Conference speaker
13.20 – 14.00	Lunch break
14.00 – 14.20	<p>GEMAS PROJECT - INTERESTING RESULTS FROM THE COMPARISON OF AQUA REGIA AND TOTAL ELEMENT CONCENTRATIONS IN EUROPEAN AGRICULTURAL SOIL Dinelli Enrico, Manfred Birke, Clemens Reimann, Alecos Demetriades, Benedetto De Vivo, GEMAS Project Team</p>
	Conference speaker
14.20 – 14.40	<p>A COMPARISON OF ANALYTICAL METHODS FOR THE DETERMINATION OF THE HEAVY METAL CONCENTRATION IN THE AGRICULTURAL SOILS OF EMILIA ROMAGNA ALLUVIAL PLAIN Billi Laura, Nazaria Marchi, Marina Guermandi</p>
	Conference speaker
14.40 – 15.00	<p>THE ACERRA-MARIGLIANO CONURBATION: THE GEOCHEMICAL BASELINE MAPPING OF THE NORTH-EASTERN SECTOR OF THE NAPLES METROPOLITAN AREA Albanese Stefano, Annamaria Lima, Carmela Rezza, Giampiero Ferullo, Benedetto De Vivo</p>
	Conference speaker
15.00 – 15.20	<p>SPATIAL DISTRIBUTION OF BACKGROUND AND ANOMALOUS POPULATION OF CHROME IN STREAM SEDIMENTS ON TUSCAN-EMILIAN APENNINES BASED ON THRESHOLDS DEFINED FROM CONTINUOUS AND DISCRETE CATCHMENT BASIN SURFACE OF THE CR DATA. Lancianese Valerio</p>

	Conference speaker
15.20 – 15.40	<p>GEOCHEMICAL CHARACTERIZATION OF SEDIMENTS FROM COASTAL WETLANDS IN PO RIVER DELTA AREA</p> <p>Migani Francesca, Enrico Dinelli, Fabrizio Borghesi</p>
	Conference speaker
15.40 – 16.00	<p>CONSTRUCTION OF A GEOCHEMICAL ATLAS OF SARDINIA (ITALY)</p> <p>Valera Paolo, Alberto Marcello, Salvatore Pretti</p>
	Conference speaker
16.00 – 16.20	Coffee Break
16.20 – 16.40	<p>REGIONAL GEOCHEMICAL BASELINE MAPPING FOR ENVIRONMENTAL MANAGEMENT USING TOP SOIL IN CAURVERY BASIN, TAMILNADU, INDIA</p> <p>Govil Pradip Kumar</p>
	Conference speaker
16.40 – 18.00	Discussion and final conclusion