

GENERAL PROGRAM

September, 21st, 2017

	Program
08:45-09:30	Registration
09:30-9:45	Opening Session
09:45-10:30	Plenary Session 1
Edoardo Costantini	Contribution of Soil Research to the Europe 2020 Strategy for Sustainable Growth: Adaptation to Climate Change and Efficient Use of Resources
10:30-11:00	Coffee-break
11:00-12:30	Parallel Session 1 & Parallel Session 2
12:30-14:00	Lunch
14:00-14:45	Plenary Session 2
Sergio Vicente Serrano	Estimation of drought severity based on the Evapotranspiration Deficit: methods and global scale validation
15:00-16:30	Parallel Session 3 & Parallel Session 4
16:30-18:00	Coffee-break
	Group Photo
	Poster Session

September, 22nd, 2017

	Program
09:00-10:30	Parallel Session 5 & Parallel Session 6
10:30-11:00	Coffee-break
11:00-11:45	Parallel session 7
11:45-12:30	Plenary Session 3
Xavier Romão	Earthquake effects, what are they really?
12:30-14:00	Lunch
14:00-14:45	Plenary Session 4
Carlos da Câmara	The role played by meteorology in large wildfire events in Portugal
15:00-18:00	Social Program
	Conference dinner

September, 23rd, 2017

	Program
09:15-10:30	Parallel Session 8 & Parallel Session 9
10:30-11:00	Coffee-break
11:00-12:30	Special Session – Desertification (ICNF)
	Closing Session

PLENARY SESSIONS PROGRAM

September, 21st, 2017

Plenary Session 1 Convener: Francisco Carvalho Room: Auditorium

	Program
09:45-10:30	Plenary Session 1
Edoardo Costantini	Contribution of Soil Research to the Europe 2020 Strategy for Sustainable Growth: Adaptation to Climate Change and Efficient Use of Resources

Plenary Session 2 Convener: Cristina Costa Room: Auditorium

	Program
14:00-14:45	Plenary Session 2
Sergio Vicente Serrano	Estimation of drought severity based on the Evapotranspiration Deficit: methods and global scale validation

September, 22nd, 2017

Plenary Session 3 Convener: Cristina Costa Room: Auditorium

	Program
11:45-12:30	Plenary Session 3
Xavier Romão	Earthquake effects, what are they really?

Plenary Session 4 Convener: Luís Santos Room: Auditorium

	Program
14:00-14:45	Plenary Session 4
Carlos da Câmara	The role played by meteorology in large wildfire events in Portugal

PARALLEL SESSIONS PROGRAM

September, 21st, 2017

Parallel Session 1 (Theme 1) Convener: Ahmed Murad Room: SP3

	Speaker	Title
11:00-11:15	Ahmed Murad	Groundwater quality over a period of 30 years in heavily farmed areas, southwestern of United Arab Emirates (UAE)
11:15-11:30	Dorota Kaczor-Kurzawa	Groundwater quality decline due to geogenic chlorides anomalies in useful aquifers of central Poland
11:30-11:45	Ana Paulo	Water quality indices in the Lower Tejo nitrate vulnerable zone
11:45-12:00	José M. Gonçalves	Infrared Thermography Applied in a Corn Field Aiming at Better Water Use: Case Study from Lower Mondego Valley in Portugal
12:00-12:15	André Fonseca	A new very high resolution climatological dataset in Portugal: application to hydrological modeling in a mountainous watershed
12:15-12:30		Debate

Parallel Session 2 (Theme 4) Convener: Cristina Costa Room: SP2

	Speaker	Title
11:00-11:15	Adélia Nunes	Land abandonment and soil carbon sequestration in a marginal area of Portugal Central
11:15-11:30	Isabel M. Caballero Leiva	Mangrove Soil Desalination and Nutrient Enrichment by MBR Effluent. Benefits in Coastal Protection under a Changing Climate
11:30-11:45	Babar Mujtaba	Effect of spatial distribution patterns of rock fragment cover on runoff and soil loss over converging and diverging surfaces: Laboratory study
11:45-12:00	Anabela Cachada	Soil quality indicators of vineyard soils: a case study in Douro region
12:00-12:15	Elsa Sampaio	Contribution of the Land Use evolution to Soil Compaction and Desertification Risk (30 years of evolution in the South of Portugal)
12:15-12:30		Debate

September, 21st, 2017

Parallel Session 3 (Theme 5)

Convener: Cecília Batista

Room: SP3

	Speaker	Title
15:00-15:15	Adélia Nunes	Spatial association between forest fires incidence and socio-economic vulnerability in Portugal
15:15-15:30	Nelson Abrantes	Off-site impacts of wildfires: toxic effects on aquatic species
15:30-15:45	Andreia Ribeiro	Modelling of drought-related crop losses in Iberia using multi-scalar and remote sensing indices
15:45-16:00	André Vizinho	The Economic Viability of Fuel Management in the Cork Oak Montado Agro-Forests
16:00-16:15	Diana Vieira	Annual runoff and erosion in a recently burned Mediterranean forest - the effects of plowing and time since fire
16:15-16:30		Debate

Parallel Session 4 (Theme 7)

Convener: Luiz Guerreiro Lopes

Room: SP2

	Speaker	Title
15:00-15:15	Luiz Guerreiro Lopes	Envisat radar altimetry-derived water level changes in the Koliba-Corubal River basin, West Africa
15:15-15:30	Ezgi Tok	The effects of land surface temperature changes on ecosystem services in Kirklareli Province
15:30-15:45	Dissanayake Sampath	Estimation of Sediment Supply Reduction into Coastal Zone Due to Sediment Retention by Dams of the Guadiana River, SW Portugal
15:45-16:00	Francesca Petronici	Hydrogeological modelling of a fractured aquifer: the Mulino delle Vene case study (northern Apennines, Italy)
16:00-16:15	Inês Marques	Groundwater Depth Modeling at a Regional-Scale
16:15-16:30		Debate

September, 22nd, 2017

Parallel Session 5 (Themes 1 and 2) Convener: Robert Mazur Room: SP3

	Speaker	Title
09:00-09:15	Robert Mazur	The concept of polluted water reservoirs restoration technology with application of MBBR reactors
09:15-09:30	Agata Nowak	The study on the efficiency of wastewater treatment from fish processing in different types of biological reactors
09:30-09:45	Ana Marta Gonçalves	How anthropogenic activities influence the fatty acid profiles of marine species?
09:45-10:00	João Abrantes	Comparing thermal, salt and dye tracers to estimate shallow flow velocities
10:00-10:15	Ahmed Murad	Groundwater quality and recharge along the plains bordering of Oman Mountains using stable isotopes
10:15-10:30	Vítor Almeida	Study of Viability and Technologies to Promote Rainwater Harvesting in Urban Systems

Parallel Session 6 (Themes 3 and 6) Conveners: Cecília Batista Room: SP2

	Speaker	Title
09:00-09:15	Carla Caroça	Towards sustainability water security in Malaysia and Portugal
09:15-09:30	Luís Santos	Adaptable environmental analysis as a dynamic nature conservation strategy
09:30-09:45	Maria Trannin	Studying Perception and Value-action gaps & Creating a Latin America Adapt Communication platform and connecting to Climate Adapt EU
09:45-10:00	Fábio Loureiro	Contributes of UNESCO Global Geoparks to climate studies: The example of Serra da Estrela's application
10:00-10:15	Sandra Mourato	Risk Mapping of Flood-prone Areas in Portugal
10:15-10:30		Debate

Parallel Session 7 (Theme 4) Conveners: Sandra Mourato Room: SP2

	Speaker	Title
11:00-11:15	Bruno Martins	Evaluation of soil degradation by soil microtopography measurements in Seirós gullies (Northern Portugal)
11:15-11:30	João Abrantes	Effect of the application of rice strawmulching strips in runoff and soil loss: Laboratory experiments using soil flume and rainfall simulator
11:30-11:45	Ruth Pereira	Soil quality in river drainage basins: physico-chemical and biological indicators

September, 23rd, 2017

Parallel Session 8 (Theme 7)

Conveners: Francisco Carvalho

Room: SP3

	Speaker	Title
09:30-09:45	Cristina Andrade	Preliminary assessment of flood hazard in Nabão river basin (Portugal) using an Analytical Hierarchy Process
09:45-10:00	Luiz Guerreiro Lopes	Satellite altimetry measurements of water level in semi-arid rivers with complex morphologies: The case of the lower Save River basin, Southern Africa
10:00-10:15	Diana Vieira	Predicting the effectiveness of different mulching techniques to reduce post-fire runoff and erosion in Mediterranean pine stands - does cover matter?
10:15-10:30	Ezgi Tok	Multicriteria Decision Analysis for Selection of Landfill Site in Edirne Province

Parallel Session 9 (Theme 6)

Conveners: Luís Santos

Room: SP2

	Speaker	Title
09:15-09:30	Helder Fraga	Future climate projections and adaptation measures for the Portuguese viticulture
09:30-09:45	Ana Marta Gonçalves	Impacts of climate changes in fatty acid profile of primary producers
09:45-10:00	Ana Gomes	Influence of basaltic volcanic eruptions on global climate
10:00-10:15	Maria C. Neves	The impact of climate patterns on Ria Formosa coastal aquifers (Algarve, Portugal)
10:15-10:30	André Vizinho	On the Adaptation of Agriculture and Forestry of the Mediterranean - The Case of the Alentejo Region

Program

	21-09-2017		22-09-2017		23-09-2017			
08:45-09:00	Registrations		Parallel Session 5 Room SP3		Parallel Session 6 Room SP2			
09:00-09:15								
09:15-09:30								
09:30-09:45	Opening Session		Parallel Session 8 Room SP3		Parallel Session 9 Room SP2			
09:45-10:00	Plenary Session 1 Auditorium							
10:00-10:15								
10:15-10:30								
10:30-10:45	Coffee-break		Coffee-break		Coffee-break			
10:45-11:00	Parallel Session 1 Room SP3		Parallel Session 2 Room SP2		Special Session Auditorium			
11:00-11:15								
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12:00-12:15								
12:15-12:30	Plenary Session 3 Auditorium		Social Program and Conference dinner		Closing Session			
12:30-12:45	Lunch							
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13:00-14:00								
14:00-14:15	Plenary Session 2 Auditorium						Plenary Session 4 Auditorium	
14:15-14:30								
14:30-14:45								
14:45-15:00	Parallel Session 3 Room SP3		Parallel Session 4 Room SP2					
15:00-15:15								
15:15-15:30								
15:30-15:45								
15:45-16:00								
16:15-16:30	Coffee-break Group photo Posters Session							
16:30-18:00								