TUESDAY, 18 September 2018

07:30 **REGISTRATION**
(Location: Faculty of Civil Engineering, Bulevar Kralja Aleksandra 73, 11000 Belgrade, Level 2, Main Hall)

09:00-10:30 Session 1: **The Mediterranean Regional Climate System** (Location: Main Hall, Level 2)

09:00 **Pierre Nabat (Invited): Aerosols and weather regimes over the Mediterranean: a coupled regional modeling approach**

09:30 Nadia Pinardi: The Mediterranean sea overturning circulation

09:45 Ivica Vilibić: The Adriatic-Ionian Bimodal Oscillating System (BIOS) and the Adriatic oceanography

10:00 Eftychia Rousi: Identifying remote drivers of Mediterranean rainfall using Machine learning and Causal discovery tools

10:15 Marianna Benassi: ENSO teleconnections over the Euro-Mediterranean region: The role of PDO modulation

10:30 Ivana Herceg Bulić: Detection of ENSO and NAO impacts on European region in a large ensemble of numerical simulations

10:45 **Coffee break** (30')

11:15 -13:00 Session 2: **Past climate evolution of the Mediterranean region** (Location: Main Hall, Level 2)

11:15 **Eleonora Regattieri (Invited): Expression, frequencies and dynamics of sub-orbital scale variability during marine isotope stages 19: insights from the Sulmona basin (Central Italy)**

11:45 Slobodan Marković: The influence of Mediterranean climate on Southeastern Europe during the last five glacial-interglacial cycles

12:00 Michael Styllas: A new record of the late glacial and holocene glacial history of the Northeast Mediterranean mountains inferred from in situ produced 36cl cosmic ray exposure dating of paleo-glaciers deposits on Mount Olympus, Greece. Implications for the relative roles of external and internal climate forcing

12:15 Elena Xoplaki: Modeling climate and societal resilience in the Eastern Mediterranean during the last millennium

12:30 **Lucas Lourens (Invited): The Mediterranean plio-pleistocene: a reference frame for astronomically paced low and high latitude climate changes**

13:00 **Lunch break**

15:00-16:30 **Parallel sessions**

Session 1 (Room 141, Level 2)

15:00 Florence Sevault: A numerical simulation of the ERA-Interim period on the Mediterranean region with the regional climate system model CNRM-RCSM6

15:15 Emilia Sanchez-Gomez: Impact of the internal variability on the cyclone tracks simulated by a Regional climate model over the Med-CORDEX domain

15:30 Annick Douguédroit: Modeling temperature distribution and recent warming along the Mediterranean coast and its mountains inland (out of the UHI: urban heat islands): the extreme South-Eastern French area case

15:45 Aleksandar Sekulić: Space-time interpolation of daily precipitation over Mediterranean area using random forest

16:00 Milena Menna (Invited): Decadal and climatic variability of the Ionian circulation

Session 2 (Main Hall, Level 2)

Antonio Cascella: Last 2700 years paleoclimate history in the Southern Adriatic sea: Coccolithophore evidences

Michael Grelaud: Emiliania huxleyi calcite mass variability during periods of rising atmospheric CO_2 in the Mediterranean sea

Session 6 (Main Hall, Level 2)

Jose Lascurain: What emerged beach analysis can tell about the vulnerability of the whole system: Informing adaptation to climatic change on beaches of Catalonia, Spain

16:15 Asli Ilhan: Analysis of Cosmo-CLM sensitivity over Turkey

Marina Baldi: Climatology of extreme rainfall events and the water harvesting potential in Egypt

16:30-18:00 **POSTER Session/Beer Mix**

(Location: Faculty of Civil Engineering, Bulevar Kralja Aleksandra 73, 11000 Belgrade, Level 3)

1A- Gorica Stanojević: The influence of Mediterranean cyclones on precipitation distribution in Serbia

2A- Margarida L. R. Liberato: High-impact storms in Portugal: consistent catalogues of compound events

3A - Ivana Tošić: Is there any influence of the EA/WR pattern on precipitation over Mediterranean and Serbia?

4A - Ozcan Ceyhun: Wind-driven sensitivity analysis of Aegean sea coastal upwelling system using Regional Earth System Model (REGESM)

5A - Marco Reale: Assessment of RegCM-ES performances over the Med-CORDEX domain

6A- Hadas Saaroni: Automatic identification and classification of the Red sea trough

7A- Paolo Ruggieri: The sensitivity of Mediterranean winter to Siberian snow cover variability

8A- Matej Ogrin: Minimum temperatures in Slovenian Istria as the result of local climate impact

9A- Thomas Druge: Integration of an ammonium-nitrate aerosol module into the CNRM regional climate system model and estimation of their impacts over the Mediterranean Regional Climate

10A- Uwe Ulbrich: Sub-hourly precipitation over a western Mediterranean catchment in a convection-permitting model

11- Piero Lionello: The link between Mediterranean storm track and sea level anomalies along the Mediterranean coastline

12A- Alan Maria Mancini: Calcareous Nanno-fossils study reveals new paleoenvironmental and biostratigraphic insights at and prior the onset of the Messinian Salinity Crisis in the Sorbas basin

13A- Aurel Persoiu: Flood events in Transylvania during the Medieval warm period and the Little Ice Age

14A- Carla Taricco: δ18O profile measured in the Central Mediterranean core CT 85-5 and the last deglaciation

15A- Francesca Lozar: Paleoenvironment conditions at the onset of the Messinian salinity crisis triggered calcareous Plankton size decrease

16A- Kazuyo Tachikawa: The past 23-kyr Eastern Mediterranean sea circulation inferred from Authigenic Nd Isotopes, foraminiferal stable isotopes and bulk elemental composition

17A- Alba González-Lanchas: High resolution study in Alboran sea (ODP 977) during the MIS 11: A Mid-Brunhes Event interpretation perspective based on coccolithophores

18A- Lucia A. Azibeiro: Western-Eastern Mediterranean freshening during termination V

20A- Mercè Cisneros: Climatic evolution of the last 2700 years in the Balearic sector: Integrated study of cave and marine records

21A- Mary Athanasiou: Early-middle Miocene paleoclimatic reconstruction in the Eastern Mediterranean: Kottaphi Hill section, Cyprus island

22A- Piero Lionello: Comparing the simulated Mediterranean climate in different conditions: Last glacial maximum, Mid-Holocene and the RCP8.5 projection at the end of the 21st century

23A- Giannis Sofiadis: Climatic impact of an extreme land cover change scenario on the Mediterranean basin

24A- Yael Amitai: Past millennium Mediterranean climate from vermetid SST proxies and CMIP5 models