



WEDNESDAY, 19 September 2018

- 08:00 REGISTRATION**
(Location: Faculty of Civil Engineering, Bulevar Kralja Aleksandra 73, 11000 Belgrade, Level 2, Main Hall)
- 09:00-10:45 Session 3: Assessment of climate change in the Mediterranean region and climate projections**
(Location: Main Hall, Level 2)
- 9:00 **Douglas Maraun (Invited): Inferring information on future changes in regional precipitation extremes by means of dynamical and statistical modeling**
- 9:30 Damià Gomis Bosch: Projections of Mediterranean heat and salt content evolution during the XXI century based on MedCORDEX AORCMS and a simple box-model
- 9:45 Natalija Dunić: Present and future climate and variability of the Adriatic dense water formation and the BIOS: Assessment of climate models
- 10:00 George Zittis: A multi-model, multi-scenario and multi-domain analysis of Regional climate projections for the Mediterranean
- 10:15 Radan Huth: Collective statistical significance and its relevance for climate change detection in the Mediterranean
- 10:30 Isla Simpson: The influence of uncertainty in the northern hemisphere stratospheric polar vortex response to climate change on future projections of Mediterranean hydroclimate
- 10:45 **Coffee break (30')**
- 11:15 Samuel Somot: Future evolution of the western Mediterranean deep water formation under climate change: a coupled high-resolution multi-model approach
- 11:30 Ivana Marinović: "Observed and projected changes in the dry spells" statistics over Croatia
- 11:45-13:00 Session 4: Climate extremes and hazards in the Mediterranean region under a changing climate**
(Location: Main Hall, Level 2)
- 11:45 Enrico Arnone: Elevation dependent change of climate extremes in XXI century model projections: A Mediterranean perspective
- 12:00 Ricardo Trigo: The combined use of NDVI and SPEI to assess drought impacts on vegetation activity in the Mediterranean
- 12:15 Yasemin Ezber: Role of the strength of the east Asian trough on the temperature variability over the Eastern Mediterranean
- 12:30 Alexandre M. Ramos (Invited): The role of ARS in two contrasting Mediterranean climate regions: Iberian peninsula and Cape Town province in South Africa**
- 13:00 **Lunch break**
- 15:00-16:30 Parallel sessions**
- | | |
|---|--|
| Session 1 (Room 141, Level 2) | Session 3 (Main Hall, Level 2) |
| 15:00 Adi Etkin: Structure of the rainy season in Israel: existence of modes and a mid-winter minimum | Christian Merckenschlager: Regional assessments of heavy rainfall events in the Mediterranean area for the 21 st century |
| 15:15 Yael Amitai: The effect of wind-stress over the Eastern Mediterranean on deep-water formation in the Adriatic sea | Laurent Li: Recent updates of LMDZ/NEMO-MED8 and its application in an ensemble of climate change simulations for the Mediterranean region |
| Session 4 (Room 141 Level 2) | |
| 15:30 | Bariş Onol: Evaluation of multi-model and multi-domain ensemble simulations based on CORDEX initiative over Turkey |
| 15:45 Maria Carmen Llasat: Trend on convective precipitation and floods in the Spanish Mediterranean region | Mojca Dolinar: Assessment of climate variability and trends over Slovenia in the period 1961-2011 |



- 16:00 Dhib Saoussen (YS grant): Comparison of five satellite rainfall estimates algorithms with rain gauge data over northern Tunisia
Mirko Orlić: Multidecadal variability of the Mediterranean sea level
- 16:15 Evangelos Tyrlis: The key role of blocking in driving the cold spells over Southeastern Europe in winter 2016 - 2017
Emilia Sanchez-Gomez: Assessing the climate impacts of the Atlantic multidecadal variability on the Mediterranean basin

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

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

- 1B- Marco Reale: Modeling approaches to Ionian upper layer dynamics
2B- Pedro M. Sousa: Changes in precipitation regimes since 850 A.D.: The role of the integrated water vapor transport and global warming
3B- Styliani Kyrikou: Vegetation history of lakes Ohrid and Prespa and reconstructed climate variability over the last 17000 years
4B- Elisavet Skampa: Coupling plankton-sediment trap-surface sediment and the fossil record for the detection of EMT-like events: A case study from the north Aegean sea (NE Mediterranean)
5B- Laurence Vidal: Historical and paleo-hydrological changes recorded from Moroccan middle Atlas lakes inferred from sedimentological and geochemical approaches
6B- Ascanio Luigi Scambiati: The relation between the global Hadley circulation and the climate in the Mediterranean region
7B- Cécile Caillaud: Simulation of past climate variability of high precipitation events in French Mediterranean using convection-permitting model at climate scale
8B- Jelena Luković: Spatial pattern of recent rainfall trends in Montenegro 1951-2010
9B- Mojca Dolinar: Projected changes of temperature and temperature related extremes for Slovenia over the 21st century
10B- Martin Dubrovsky: Simulation of present and future spatial compound events in Mediterranean "weather generator vs. Regional climate models"
11B- Matilde García-Valdecasas Ojeda: Assessing land-surface variables using the WRF-NOAH over the Iberian peninsula
12B- Mirjana Ruml: Temperature trend analysis during the growing season and dormancy in Serbia (1961-2010)
13B- Piero Lionello: Different impacts of global warming between north and south Mediterranean areas
14B- Renato Bertalanich: Projected changes of precipitation and extreme precipitation events for Slovenia over the 21st century
15B- Mehmet Barış Kelebek: Combined effects of temperature and precipitation extremes based on climate extremes index over Europe
16B- Melita Perčec Tadić: Improving spatio-temporal interpolation of daily precipitation using parallelized machine learning and precipitation derived from MSG
17B- Matilde García-Valdecasas Ojeda: Near and far future changes in extreme temperatures over the Iberian peninsula
18B- Panos Hadjinicolaou: Differential 20th and 21st century warming around the Mediterranean and the greater Middle East
19B- Renato Bertalanich: Project OPS21: the assessment of the average and extreme meteorological and hydrological conditions in Slovenia over the 21st century
20B- Miri Kupermintz: Climatic factors controlling the growth of deciduous fruit trees in Israel and the assessment of potential changes in the future, using the COSMO models
21B- Angela Pomaro: Local measurements and model wave data: complementary elements for large-scale climate assessment
22B- Alexandros Papaioannou: A 300 years old high resolution palaeoenvironmental record from the Gulf of Elefsis, Attica, South Greece
23B- Milica Lukic: Variability of the UTCI index in Serbia
24B- M. Turco: Climate change impacts on summer fires in Mediterranean Europe

19:30-21:00 Official Dinner at Kalemegdanska Terasa Restaurant (plus Young Researcher Award)

(Location: Kalemegdan Park, Fortress at Mali Kalemegdan, 11000 Belgrade)

<http://kalemegdanskaterasa.com/en/contact>