



Novi Sad skyline during the heatwave July 2022

**INTERNATIONAL CONFERENCE on
HYDRO-CLIMATE EXTREMES and SOCIETY**
27-29th June 2023 | University of Novi Sad, Novi Sad, Serbia
Organizer: EXTremeClimTwin, H2020 (GA No 952384)

Climate change is manifested by pronounced negative impacts on the society and ecosystems. Increasing heat extremes, heavy precipitation events, droughts and other hazards, put a strain on the health systems, economies, and natural environments of Europe. Therefore, understanding and projecting future hydro-meteorological variability and occurrence of extremes, as well as their impacts are key scientific challenges crucial to the development and implementation of sustainable management practices and policies.

There will be invited plenary speakers and three major thematic sessions on:

I. Data and tools

The session aims to highlight recent advances in the use of innovative and quantitative methods and tools for weather and climate extremes. The session welcomes different approaches using observations, reanalysis and numerical models for assessing the characteristics and processes of extremes.

II. Impacts and risks

This session welcomes a broad range of new research addressing the challenge of extreme events. Suitable contributions may: (i) assess the drivers and underlying processes of extreme events in observations and/or models; (ii) explore the diverse socio-economic impacts of extremes (for example, on aspects relating to human health or economic productivity); (iii) address forecasting of extremes at seasonal to sub-seasonal time scales.

III. Adaptation and planning

The unprecedented magnitude and speed of climate change in recent decades are putting societies under pressure. This section invites contributions that showcase methods, solutions, and experiences implementing adaptation, including governance, interregional exchange and platforms that support knowledge transfer and strengthen adaptability. Topics that focus on societal adaptation to extremes, including the implementation of Heat-Health Early Warning Systems for disaster risk reduction are welcome. We also seek to promote dialogue and critical reflections on the scalability and transferability of adaptations across diverse regions and priorities.

PRELIMINARY CONFERENCE PROGRAM

June 27 th 2023		
08:00-9:00	REGISTRATION	
09:00-9:30	Opening ceremony	Speakers: Prof. Milica Pavkov Hrvojević - UNSPMF dean; Prof. Lazar Lazić – Head of Department of Geographz, Tourism and Hotel Management Prof. Biljana Basarin – ExtremeClimTwin Coordinator
09:30-11:00	Plenary session	EXtreme Climate
11:00-11:30	Coffee break	
11:30-12:30	Plenary session	EXtreme Climate
12:30-13:30	Guided poster tour	
13:30-14:30	Lunch	
14:30-16:00	Thematic session I	Data and tools
16:00-16:30	Coffee break	
16:30-18:00	“Extreme Weather and Resilience Roundtable” discussion	Climate What role will the local stakeholders play in managing the support needs for extreme weather prediction, mitigation and post event recovery? What resources will they be able to mobilise to achieve this? How can citizens and economic actors be involved on the ground? What relations between local authorities, the State and Europe would this imply?
20:00	Conference dinner	Venue: To be decided
June 28 th 2023		
09:00-11:30	Thematic session II	Impacts and risks
11:30-12:00	Coffee break and poster tour	
12:00-14:30	“Meet the mentors”	Small groups of PhD students with peer to peer discussion. EXtremeClimTwin firmly believes that bringing new examples of good practice and sharing this experience is as important as supporting researchers themselves. Younger and less experienced ESRs are offered support, advice and encouragement from their more experienced colleagues from other research institutions.
14:30-15:30	Lunch	
15:30-18:00	Thematic session II	Impacts and risks
June 29 th 2023		
9:30-12:00	Thematic session III	Adaptation and planning
12:00-13:00	Coffee break and guided poster tour	
13:00-14:30	Thematic session III	Adaptation and planning
14:30-15:30	Lunch	

15:30-17:00	“Extreme Weather Events” - Panel Discussion	The aim is to learn about what we can do as a community to mitigate the effects of extreme weather events and hear how we can better support our communities both during the event and in their recovery.
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SCIENTIFIC BOARD (preliminary)

Prof. Dr. Robert L. Wilby, Loughborough University, United Kingdom

Dr. Manfred Mudelsee, Climate Risk Analysis, Germany

Dr. Carley Iles, Center for International Climate Research, Norway

Dr. Anne Sophie Daloz, Center for International Climate Research, Norway

Dr. Biljana Basarin, University of Novi Sad Faculty of Sciences, Serbia

Dr. Sorin Cheval, National Meteorological Administration, Bucharest, Romania

Important Dates and Fees

First call: by 28 February 2022

There is no registration fee as the conference is supported by the EU H2020 programme.

Second call: Please submit your 500 word abstract for oral or poster presentation before 31 March 2023

<https://extremeclimtwinn.pmf.uns.ac.rs/register-for-the-conference/> or extremeclimtwinn@gmail.com

The conference programme, including speakers and posters, will be circulated by 31 May 2023.

For any further information please do not hesitate to contact us at: extremeclimtwinn@gmail.com

Abstract guidelines and rules

Abstract text

- The text should be short (100–500 words), clear, concise, and written in English with correct spelling and good sentence structure.
- Symbols and equations can be typed in or embedded as images.
- Figures and tables should not be included.
- Abstracts should be carefully compiled and thoroughly checked, in particular with regard to the list of authors, before submission in order to avoid last-minute changes.

The content of the abstracts is the responsibility of their authors. Scientific board reserves the right to reject abstracts that are not written in English, are out of the scope of the conference, do not meet basic standards of scientific quality, or do not adhere to conventional standards of civil discourse and common decency. The official language of the conference is English. Simultaneous interpretation is not provided. It is therefore expected that authors will be able to present their research more or less fluently in the English language.