



PROGRAMME OVERVIEW

	Tue 24 Sep	Wed 25 Sep	Thu 26 Sep	Fri 27 Sep
09:00-09:30	Registrations	Registrations	Registrations	Registrations
09:30-10:00	Welcome/Opening	Invited	Invited	Invited
10:00-11:00	S1 - Mediterranean cyclones	S4 - Urban climate and weather	S6 - Ocean dynamics and coastal risks	S10 - Climate adaptation strategies
11:00-11:30	Coffee Break	Coffee Break	Coffee Break	Coffee Break
11:30-13:00	S2 - Precipitation: dynamics, observations and evolution	S3 - Exploring Terrestrial and Marine Heatwaves in the Mediterranean	S9 - Artificial Intelligence at the service of climate sciences in the Mediterranean region	S10 - Climate adaptation strategies
13:00-13:45	Lunch break	Lunch break	Lunch break	Lunch break
13:45-15:00	S2 - Precipitation: dynamics, observations and evolution	S5 - Compound events and risks	S7 - Climate variability, predictability and change in worldwide Mediterranean-type regions	S10 - Climate adaptation strategies
15:00-15:45	Poster session 1	Poster session 2	Poster session 3	Poster session 4
15:45-16:15	Coffee Break	Coffee Break	Coffee Break	Closing and Award Ceremony
16:15-17:30	S2 - Precipitation: dynamics, observations and evolution	S3 - Exploring Terrestrial and Marine Heatwaves in the Mediterranean	S4 - Urban climate and weather	S7 - Climate variability, predictability and change in worldwide Mediterranean-type regions
17:30-18:30	S4 - Urban climate and weather	S10 - Climate adaptation strategies	S9 - Artificial Intelligence at the service of climate sciences in the Mediterranean region	S8 - Mediterranean climate at multiple time scales since the Pliocene to the historical past
19:30	Icebreaker	SISC General Assembly of Members	S10 - Climate adaptation strategies	S11 - Open session on Mediterranean Climate issues
			Conference Dinner	

The conference is organized by:



With the Patronage of



Provincia di Lecce
Salento d'Amare



Comune di Lecce

Sessions' list

- Session 1 Mediterranean cyclones**
Conveners: Emmanouil Flaounas (Hellenic Centre for Marine Research, Greece), Assaf Hochman (The Hebrew University of Jerusalem, Israel)
- Session 2 Precipitation: dynamics, observations and evolution**
Conveners: Yves Trambly (IRD, Univ. Montpellier, France), Sergio M. Vicente-Serrano (Consejo Superior de Investigaciones Científicas, Spain),
- Session 3 Exploring Terrestrial and Marine Heatwaves in the Mediterranean: Mechanisms, Predictability, Attribution, Risk and Impacts.**
Conveners: M. Carmen Alvarez-Castro (Universidad Pablo de Olavide, Spain), Ricardo Garcia-Herrera (Universidad Complutense de Madrid, Spain), Alfredo Reder (Centro Euro-Mediterraneo sui Cambiamenti Climatici, Italy)
- Session 4 Urban climate and weather**
Conveners: Marinella Davide (European Commission, Joint Research Centre, Italy), Panagiotis T. Nastos (National and Kapodistrian University of Athens, Greece)
- Session 5 Compound events and risks**
Conveners: Andrea Toreti (European Commission, Joint Research Centre, Italy), Uwe Ulbrich (Freie Universität Berlin, Germany)
- Session 6 Ocean dynamics and coastal risks**
Conveners: José A- Jiménez (Universitat Politècnica de Catalunya, Spain), Katrin Schroeder (Italian National Research Council, Italy)
- Session 7 Climate variability, predictability and change in worldwide Mediterranean-type regions**
Conveners: Annalisa Cherchi (Italian National Research Council, Italy), Jelena Lukovic (University of Belgrade, Serbia), Richard Seager (Lamont Doherty Earth Observatory, USA)
- Session 8 Mediterranean climate at multiple time scales since the Pliocene to the historical past**
Conveners: Maria Triantaphyllou (National and Kapodistrian University of Athens, Greece), Belen Martrat (Instituto de Diagnóstico Ambiental y Estudios del Agua, CSIC, Spain)
- Session 9 Artificial Intelligence at the service of climate sciences in the Mediterranean region**
Conveners: Valentina Bacciu (Italian National Research Council, Italy), Silvia Torresan (Centro Euro-Mediterraneo sui Cambiamenti Climatici, Italy)
- Session 10 Climate adaptation strategies**
Conveners: Roberto Barbiero (Provincia Autonoma di Trento, Italy), Paola Mercogliano (Centro Euro-Mediterraneo sui Cambiamenti Climatici, Italy)
- Session 11 Open session on Mediterranean Climate issues**
Conveners: Maria Cristina Facchini (Italian National Research Council, Italy), Silvio Gualdi (Centro Euro-Mediterraneo sui Cambiamenti Climatici, Italy), Piero Lionello (Univ. of Salento, Italy)
- Session 12 Educational activities within MEDCLIVAR and SISC groups**
Maria Triantaphyllou (National and Kapodistrian University of Athens, Greece)

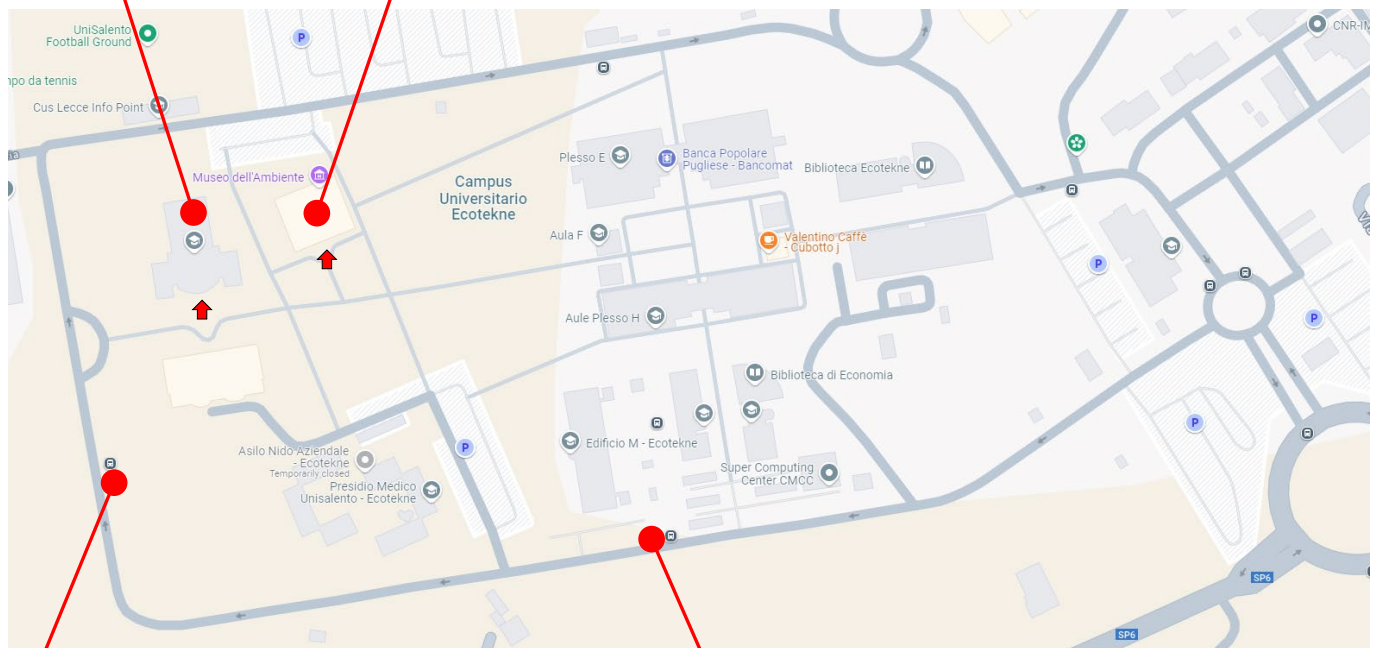
Map

Ecotekne University of Salento Campus

Auditorium Ecotekene (main conference venue, coffee breaks and lunches)

Ground floor: Museum of the Environment (poster sessions)

First floor: Community Library (Parallel session B)



S13 Bus stop "Ecotekne Isufi"

S13 Bus stop "Ecotekene Economia"

↑ Entrance

Final Programme

(last updated: September 25th, 2024)

Day 1 | Tuesday 24 September 2024

Tue 24 Sep	09:00 – 09:30 (CEST) - Registration of participants	Hall Auditorium Ecotekne
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Tue 24 Sep	09:30 – 10:00 (CEST) - Conference opening and welcome	Main room Auditorium Ecotekne
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Piero LIONELLO, MedCLIVAR chair and University of Salento, Lecce, Italy

Roberto BARBIERO, SISC Vice-President and APPA, Trento, Italy

Silvio GUALDI, Fondazione CMCC, Bologna, Italy

Tue 24 Sep	10:00 – 11:00 (CEST) – Session 1 Mediterranean cyclones Chair: Assaf HOCHMAN	Main room Auditorium Ecotekne
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|-------|------|---|-----------|
| 10:00 | S1.1 | The connection between North Atlantic storm track regimes and Eastern Mediterranean cyclonic activity
Dor SANDLER , Tel Aviv University, Tel Aviv (Israel)
Author(s): Dor Sandler, Hadas Saaroni, Baruch Ziv, Talia Tamarin Brodski, Nili Harnik | SESSION 1 |
| 10:15 | S1.2 | Climate projections of Mediterranean cyclones and associated precipitation with a regional Earth system model under three SSP scenarios
Marco CHERICONI , Iuss Pavia, Pavia (Italy)
Author(s): Marco Chericoni, Giorgia Fossier, Alessandro Anav | |
| 10:30 | S1.3 | Moist static energy budget analysis on a subset of Mediterranean tropical-like cyclones using ERA5 reanalysis
Miriam SARACENI , Interuniversity Research Centre, University of Perugia, Perugia (Italy)
Author(s): Miriam Saraceni, Lorenzo Silvestri, Paolina Bongioannini Cerlini | |
| 10:45 | S1.4 | The impact of storm Minerva on the upper layer of the Mediterranean Sea
Milena MENNA , National Institute of Oceanography and Applied Geophysics - OGS, Trieste (Italy)
Author(s): Milena Menna, Annunziata Pirro, Marco Reale, Riccardo Martellucci, Gianpiero Cossarini, Stefano Salon, Elena Mauri | |

Tue 24 Sep	11:00 – 11:30 (CEST) – Coffee break	Hall Auditorium Ecotekne
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Tue 24 Sep	11:30– 13:00 (CEST) – Session 2 Precipitation: Dynamics, observations and evolution Chair: Yves TRAMBLAY	Main room Auditorium Ecotekne
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|-------|------|--|-----------|
| 11:30 | S2.1 | An effective Euro-Mediterranean atmospheric control in summer: North Sea – Balkans/West Anatolia (NS-BwA) teleconnection pattern
Bora ÖRGEN , Center for Climate Change and Policy Studies, Bogazici University, İstanbul (Türkiye)
Author(s): Murat Türkeş, Bora Örgen, Hakan Güler, Mert Ergen, Nami Yurtseven | SESSION 2 |
| 11:45 | S2.2 | Regimes of precipitation distribution change in past and future climate in the Mediterranean
Julie ANDRÉ , ENPC, Nogent Sur Marne and LMD, Paris (France)
Author(s): Julie André, Nicolas Chiabrand, Fabio D'andrea, Philippe Drobinski, Caroline Muller | |
| 12:00 | S2.3 | Unraveling Tropical Sea Surface Temperatures' Impact on Sub-Seasonal Precipitation Variability and Predictability in the Eastern Mediterranean
Assaf HOCHMAN , Institute of Earth Sciences, Hebrew University, Jerusalem (Israel)
Author(s): Assaf Hochman, Noam Shachar, Hezi Gildor | |
| 12:15 | S2.4 | Impacts of a weakened AMOC on weather regimes and precipitation over the Euro-Atlantic region
Andrea Vito VACCA , Politecnico di Torino, Turin, Italy
Author(s): Andrea Vito Vacca, Katinka Bellomo, Virna Meccia, Roberta D'Agostino, Federico Fabiano, Sarah Larson, Jost Von Hardenberg, Susanna Corti | |
| 12:30 | S2.5 | Scaling precipitation extremes with temperature in the western Mediterranean region: an approach based on dynamical adjustment
Laurent TERRAY , CNRS/CERFACS, Toulouse (France)
Author(s): Laurent Terray | |
| 12:45 | S2.6 | Northwestern Mediterranean Heavy Precipitation Events in a warmer climate: robust versus uncertain changes with a large convection-permitting model ensemble
Cécile CAILLAUD , CNRM, Toulouse (France)
Author(s): Cécile Caillaud, Samuel Somot, Hervé Douville, Antoinette Alias | |

Tue 24 Sep	13:00 – 13:45 (CEST) – Lunch break	Hall Auditorium Ecotekne
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Tue 24 Sep	13: 45– 15:00 (CEST) – Session 2 & 4 Precipitation: dynamics, observations and evolution / Urban climate and weather Chairs: Sergio VICENTE-SERRANO, Panagiotis T. NASTOS	Main room Auditorium Ecotekne
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|-------|------|---|-----------|
| 13:45 | S2.7 | Projected Changes in Sub-Daily Extreme Rainfall in Mountainous Areas: Comparing Clausius-Clapeyron Scaling and Convection-Permitting Model Simulations
Rashid AKBARY , Department of Land Environment Agriculture and Forestry, University of Padova, Padova (Italy)
Author(s): Rashid Akbary, Marco Marani, Eleonora Dallan, Marco Borga | SESSION 2 |
| 14:00 | S2.8 | Impact of Global Warming on Rainfall Patterns and Extreme Precipitation Events in Italy: A Century-Long Analysis
Marco LUPPICHINI , University of Pisa, Pisa (Italy)
Author(s): Marco Luppichini, Monica Bini, Giovanni Zanchetta, Stefano Natali | |
| 14:15 | S2.9 | An ERA5-based precipitation days climatology for the central Mediterranean (1950-2023)
Anastasios KALIMERIS , Department of Environment, Ionian University, Zakynthos (Greece)
Author(s): Anastasios Kalimeris, Dimitra Founda, Maria Hatzaki | |

- 14:30 S4.1 **A new urban parameterisation for the ICON atmospheric model**
Jan-Peter SCHULZ, CMCC Foundation, Euro-mediterranean Center on Climate Change, Caserta (Italy) and German Meteorological Service, Offenbach Am Main (Germany)
Author(s): Jan-Peter Schulz, Angelo Campanale, Marianna Adinolfi, Mario Raffa, Massimo Milelli, Paola Mercogliano
- 14:45 S4.2 **Improving Monthly and Seasonal Temperature Forecasts for Istanbul: Integration of Teleconnection Patterns with Machine Learning**
Ece YAVUZSOY-KEVEN, Eurasia Institute of Earth Sciences, Istanbul (Türkiye)
Author(s): Ece Yavuzsoy-Keven, Denizhan Guven, Omer Lutfi Sen

SESSION 4

Tue
24
Sep

15:00 – 15:45 (CEST)
POSTER SESSION 1

Museum of the Environment
(Main hall, ground floor)

- [P1.1] **Characteristics of Widespread Extreme Precipitation Events in Spain: Spatio-Temporal Dynamics and Driving Mechanisms**
Sergio M. VICENTE-SERRANO, Instituto Pirenaico De Ecología (CSIC), Zaragoza (Spain)
Author(s): Sergio M. Vicente-Serrano, Ahmed El Kenawy, Magí Franquesa, Amar Halifa, María Adell, Fernando Domínguez-castro, Santiago Beguería, José Manuel Garrido-pérez, David Barriopedro, Ricardo García-herrera, José Carlos Fernández-Álvarez, Luis Gimeno-sotelo, Luis Gimeno-presas, Raquel Nieto
- [P1.2] **Seasonal forecasts of precipitation in the Mediterranean**
Chaim GARFINKEL, Hebrew University, Jerusalem (Israel)
Author(s): Chaim Garfinkel, Dorita Rostkier-Edelstein, Gayathridevi Salila
- [P1.3] **Comparative multi-year observations of precipitation, surface water budget and aquifer piezometric height at the ISAC-CNR Micrometeorological Station**
Paolo MARTANO, CNR Istituto di Scienze Dell'atmosfera e Del Clima, Lecce (Italy)
Author(s): Paolo Martano, Marco delle Rose, Antonio Donateo
- [P1.4] **Historical snowfall measurements in the Central and Southern Apennine Mountains: climatology, variability and trend**
Armando ROCCO, Department of Science and Technology, University of Naples "Parthenope", Naples (Italy)
Author(s): Vincenzo Capozzi, Francesco Serrapica, Armando Rocco, Clizia Annella, Giorgio Budillon
- [P1.5] **A 1-km gridded dataset of daily precipitation observations for the Adige River catchment (north-eastern Italy) supporting local impact-oriented assessments**
Azadeh YOUSEFI, Center for Climate Change and Transformation, EURAC Research, Bolzano (Italy)
Author(s): Azadeh Yousefi, Alice Crespi, Giacomo Bertoldi, Andrea Galletti, Stefano Terzi, Massimiliano Pittore, Marc Zebisch
- [P1.6] **Correlation Study between Manual and Automated rainfall measurements in the Amazon region, Brazil**
Rayane BRITO DE ALMEIDA, Department of Geography, Federal University of Amazonas, Manaus (Brazil)
Author(s): Rayane Brito De Almeida, Fiorella Acquaotta, Natacha C. R. Aleixo
- [P1.7] **Changing multidecadal precipitation characteristics and rising temperatures: an explanation for the extremely low volume of Lake Prespa (SW Balkans)?**
Tim VAN DER SCHRIEK, Institute for Environmental Research and Sustainable Development, National Observatory of Athens, Athens (Greece)
Author(s): Tim Van Der Schriek, Christos Giannakopoulos
- [P1.8] **Assessing the impacts of increasing extreme heat events on aircraft takeoff from an interdisciplinary perspective**
Victoria GALLARDO, Regional Atmospheric Modelling Group, Department of Physics, University of Murcia, Murcia (Spain)
Author(s): Victoria Gallardo, Emilia Sánchez Gómez, Eleonore Riber

SESSION 2

SESSION 3

- [P1.9] **Addressing climate change and extremes from convective-permitting and convective-parameterized climate simulations**
Bodo AHRENS, Institute for Atmosphere and Environment, Goethe-University Frankfurt/Main, Frankfurt/Main, Germany
Author(s): Bodo Ahrens, Yassmin Essa Mahmoud
- [P1.10] **A new bulletin for heatwaves in Piedmont**
Agnese Maria COLIZZI, University of Turin, Earth Science Department, Turin (Italy)
Author(s): Agnese Maria Colizzi, Barbara Cagnazzi, Chiara De Luigi, Fiorella Acquotta
- [P1.11] **Assessing Thermal Discomfort and Vulnerability to Heat Waves in the Municipalities of Puglia, Italy**
Francesco GIANGRANDE, Dipartimento di Scienze e Tecnologie Biologiche ed Ambientali, University of Salento, Lecce (Italy)
Author(s): Francesco Giangrande, Gianluca Pappaccogli, Antonio Esposito, Piero Lionello, Riccardo Buccolieri
- [P1.12] **Predictability of recent extreme summers at seasonal scale**
Carmen ALVAREZ-CASTRO, Universidad Pablo De Olavide, Seville (Spain)
Author(s): Carmen Alvarez-Castro, Veronica Torralba, Leone Cavicchia, Antonello Squintu, Enrico Scoccimarro, Silvio Gualdi, David Gallego, Cristina Peña-Ortiz, Claudia Butera
- [P1.13] **Changes in extreme temperature indices and heat waves in Serbia**
Milica TOSIC, University of Belgrade, Faculty of Physics, Institute for Meteorology, Belgrade (Serbia)
Author(s): Ivana Tasic, Milica Tošić, Irida Lazić, Lazar Filipović, Suzana Putniković, Vladimir Djurdjević
- [P1.14] **Greek National Climate Law a tool for Climate Change mitigation and adaptation**
Antigoni VOUDOURI, Natural Environment and Climate Change Agency, Athens (Greece), National Technical University of Athens, Athens (Greece)
Author(s): Antigoni Voudouri, Maria Papadopoulou, Kyriaki Metheniti
- [P1.15] **Tea for the Climate: Analysing elderly's perception on climate change risks**
Lucia MORENO and **Judith BIELSA**, Ibercivis Foundation, Zaragoza (Spain)
Author(s): Marina Mattered, Madeline BALDELLI, Lucia Moreno, Judith Bielsa, Paola Mercogliano, Alfredo Reder, Marianna Adinolfi, Arianna Acierno
- [P1.16] **Master course of the National and Kapodistrial University of Athens "Industrial and Environmental Applications in Micropaleontology**
Maria TRIANTAPHYLLOU, National and Kapodistrian University of Athens, Faculty of Geology and Geoenvironment,, Athens (Greece)

SESSION 3

SESSION 10

SESSION 12

Tue
24
Sep

15:45 – 16:15 (CEST) – Coffee break

Hall
Auditorium Ecotekne

Tue 24 Sep	16: 15 – 17:30 (CEST) – Session 2 Precipitation: dynamics, observations and evolution Chair: Sergio VICENTE-SERRANO	Parallel session Main room Auditorium Ecotekne
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| 16:15 | S2.10 | Multidecadal assessment of changes in daily precipitation frequency and intensity over Spain using a dens network of observations
Ahmed KENAWY , Instituto Pirenaico De Ecología, Csic, Zaragoza (Spain)
Author(s): Ahmed Kenawy, Beatriz Fernández-duque, Sergio M. Vicente-serrano | SESSION 2 |
| 16:30 | S2.11 | Cooler sea surface could have reduced impacts of storm Alex and induced Mediterranean heavy precipitation event in France
Cécile CAILLAUD , CNRM, Toulouse (France)
Author(s): Margot Bador, Cecile Cailaud, Julien Boé, Laurent Terray | |
| 16:45 | S2.12 | Potentials and limitations of ERA5 Reanalysis downscaled over Italy at convection-permitting scale
Paola MERCOGLIANO , Cmcc Foundation, Lecce (Italy)
Author(s): Marianna Adinolfi, Mario Raffa, Alfredo Reder, Paola Mercogliano | |
| 17:00 | S2.13 | A classification of high-risk atmospheric circulation patterns for Italian precipitation extremes
Cristina IACOMINO , Department of Physics and Astronomy, University of Bologna, Bologna (Italy)
Author(s): Cristina Iacomino, Salvatore Pascale, Giuseppe Zappa, Marcello Iotti, Paolo Ghinassi, Federico Grazzini | |
| 17:15 | S2.14 | Understanding Heavy Precipitation Events in Southern Israel through High-resolution Atmospheric Electric Field Observations
Roy YANIV , Institute of Earth Sciences, Hebrew University, Jerusalem (Israel)
Author(s): Roy Yaniv, Assaf Hochman, Yoav Yair | |

Tue 24 Sep	16: 15 – 17:15 (CEST) – Session 3 & 4 Exploring Terrestrial and Marine Heatwaves in the Mediterranean / Urban climate and weather Chairs: M. Carmen ALVAREZ-CASTRO, Panagiotis T. NASTOS	Parallel session Room Community Library, first floor
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| 16:15 | S3.6 | Characteristics and associated atmospheric circulations of Saharan air intrusions in the Western Mediterranean
Pep COS , Barcelona Supercomputing Center, Barcelona (Spain)
Author(s): Pep Cos, Raül Marcos-Matamoros, Matías Oimo, Diego Campos, Lluís Palma, Francisco J. Doblaz-Reyes | SESSION 3 |
| 16:30 | S3.7 | Impact of a severe dust intrusion on absolute humidity and surface water temperature in fresh-water Lake Kinneret (Sea of Galilee) in the Eastern Mediterranean
Pavel KISHCHA , Tel Aviv University, Tel Aviv (Israel)
Author(s): Pavel Kishcha, Yury Lechinsky, Boris Starobinets | |
| 16:45 | S3.9 | Subtropical ridges over the Mediterranean Sea: the synoptic driver of summer marine heatwaves
Giulia BONINO , CMCC Foundation - Euro-mediterranean Center on Climate Change, Bologna (Italy)
Author(s): Giulia Bonino, Ronan Mcadam, Carmen Alvarez-Castro, Leone Cavicchia, Panos Athanasiadis, Enrico Scoccimarro, Stefano Tibaldi, Silvio Gualdi, Simona Masina | |
| 17:00 | S4.6 | Dust events in urban areas in Israel – long-term trends and synoptic scenarios
Hadas SAARONI , Tel Aviv University, Tel Aviv (Israel)
Author(s): Hadas Saaroni, Baruch Ziv, Uri Dayan | SESSION 4 |

Tue 24 Sep	19:30 – Icebreaker
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University of Salento
Rettorato dell'Università del Salento
Piazza Tancredi 7
Lecce

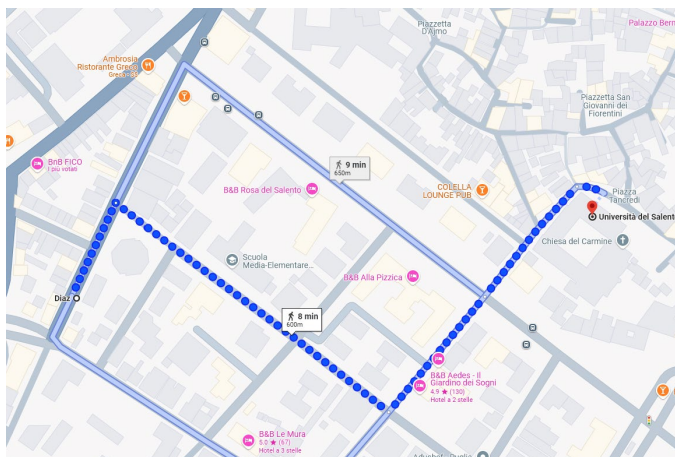


Maps:

https://www.google.com/maps/place/Universit%C3%A0+del+Salento/@40.3495641,18.1646922,17z/data=!4m14!1m7!3m6!1s0x13442ee79da8cdd7:0x5bbe4afbe058aa6f!2sUniversit%C3%A0+del+Salento!8m2!3d40.34956!4d18.1672671!16zL20vMGN3Z2dt!3m5!1s0x13442ee79da8cdd7:0x5bbe4afbe058aa6f!8m2!3d40.34956!4d18.1672671!16zL20vMGN3Z2dt?entry=ttu&g_ep=EgoyMDI0MDgyOC4wLWlKMDS0ASAFQAw%3D%3D

From Fermata Diaz (viale Università)

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Day 2 | Wednesday 25 September 2024

Wed 25 Sep	09:00 – 09:30 (CEST) - Registration of participants	Hall Auditorium Ecotekne
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Wed 25 Sep	09:30 – 10:00 (CEST) INVITED TALK Chair: Silvio GUALDI	Main room Auditorium Ecotekne
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Climate Services for Mediterranean Area (TBC)

Chiara CAGNAZZO, ECMWF (UK)

Wed 25 Sep	10:00 – 11:00 (CEST) – Session 4 & 3 Urban climate and weather / Exploring Terrestrial and Marine Heatwaves in the Mediterranean Chairs: Ricardo GARCIA-HERRERA, Panagiotis T. NASTOS	Main room Auditorium Ecotekne
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|------------|--|-----------|
| 10:00 S4.4 | Exploring the surface urban heat islands through a Mediterranean region: a case study of the Apulia, Italy
Antonio ESPOSITO , Dipartimento di Scienze e Tecnologie Biologiche ed Ambientali, University of Salento, Lecce (Italy)
Author(s): Antonio Esposito, Gianluca Pappaccogli, Riccardo Buccolieri | SESSION 4 |
| 10:15 S4.5 | Urban heat load in a small Mediterranean city in recent, extreme and future climate conditions – a case study for the City of Dubrovnik
Marijana BORAS , University of Zagreb, Faculty of Science, Department of Geophysics, Zagreb (Croatia)
Author(s): Marijana Boras, Ivana Herceg Bulić, Matej Žgela | |
| 10:30 S3.1 | Precursors of summer heatwaves in the Eastern Mediterranean
Chaim GARFINKEL , Hebrew University, Jerusalem (Israel)
Author(s): Chaim Garfinkel, Dorita Rostkier-Edelstein, Efrat Morin, Assaf Hochman, Chen Schwartz, Ronit Nirel | SESSION 3 |
| 10:30 S3.2 | The 2023 marine heatwave in the North Atlantic and the Mediterranean Sea: ocean response to atmospheric circulation
Elena XOPLAKI , Center for International Development and Environmental Research, Justus Liebig University Giessen, Giessen (Germany)
Author(s): Lorine Behr, Elena Xoplaki, Niklas Luther, Elina Tragou, Jürg Luterbacher, Vassilis Zervakis | |

Wed 25 Sep	11:00 – 11:30 (CEST) – Coffee Break
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Wed 25 Sep	11:30 – 13:00 (CEST) – Session 3 & 5 Exploring Terrestrial and Marine Heatwaves in the Mediterranean / Compound Events and Risks Chair: M. Carmen ALVAREZ-CASTRO, Uwe ULBRICH	Main room Auditorium Ecotekne
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|-------|------|--|--|-----------|
| 11:30 | S3.2 | last minute cancellation | | SESSION 3 |
| 11:45 | S3.3 | Storylines of heat waves over Po Valley in a 15°C World: drivers and impacts | Antonello SQUINTU , CMCC Foundation - Euro-mediterranean Center on Climate Change, Bologna (Italy)
Author(s): Antonello Squintu, Ronan Mcadam, César Peláez Rodríguez, Jorge Pérez Aracil, Carmen Álvarez Castro, Enrico Scoccimarro | |
| 12:00 | S3.4 | Heatwaves activity in Europe during summer 2022 | Ricardo GARCÍA-HERRERA , Instituto de Geociencias, Igeo (CSIC-UCM), Madrid (Spain) and Dep. de Física de la Tierra Y Astrofísica, Fac. De Ciencias Físicas, Univ. Complutense De Madrid, Madrid (Spain)
Author(s): Ricardo M. Trigo, David Barriopedro, José M Garrido-Pérez, Amelie Simon, S.M. Plecha, A. Teles-machado, Ana Russo, Ricardo García-herrera | |
| 12:15 | S3.5 | Optimization-based driver detection and prediction of seasonal heat extremes | Ronan MCADAM , Fondazione CMCC, Bologna (Italy)
Author(s): Ronan Mcadam, César Peláez Rodríguez, Felicitas Hansen, Jorge Pérez Aracil, Antonello Squintu, Leone Cavicchia, Eduardo Zorita, Sancho Saldez-sanz, Enrico Scoccimarro | |
| 12:30 | S5.1 | ClimaMeter: a rapid attribution framework to put extreme events in a climate context | Davide FARANDA , CNRS, Gif-sur-yvette (France)
Author(s): Davide Faranda | SESSION 5 |
| 12:45 | S5.2 | Assessment of climatic drivers for winter wildfire burned area prediction in northern Italy | Alice BARONETTI , Institute of Geosciences and Earth Resources, National Research Council, Pisa (Italy), and Centro Interdipartimentale Sui Rischi Naturali in Ambiente Montano e Collinare, Turin (Italy)
Author(s): Alice Baronetti, Paolo Fiorucci, Antonello Provenzale | |

Wed 25 Sep	13:00 – 13:45 (CEST) – Lunch break
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Wed 25 Sep	13:45 – 15:00 (CEST) - Session 5 & 6 Compound events and risks / Ocean dynamics and coastal risks Chairs: Uwe ULBRICH, Katrin SCHROEDER	Main room Auditorium Ecotekne
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|-------|------|--|--|-----------|
| 13:45 | S5.3 | The European summer 2022 flash drought | Roberta D'AGOSTINO , Italian National Research Council, Lecce (Italy)
Author(s): Hanh Nguyen, Jordan Christian, Roberta D'Agostino, Aglae Jezequel, Matthew Wheeler, Jean-Philippe Duvel, Hugo Bellenger, Xavier Perrot, Ghyslaine Boschat, Sally Lavender | SESSION 5 |
| 14:00 | S5.4 | Fire danger projections over Italy using Euro-Cordex Models | Arianna TREVISIOL , RSE S.p.a., Milan (Italy)
Author(s): Arianna Trevisiol, Paola Faggian | |
| 14:15 | S5.5 | A co-design matrix-based approach to evaluate the climate risks for airports: A case study of Bologna airport | Carmela DE VIVO , Cmcc Foundation - Euro-mediterranean Center on Climate Change, Caserta (Italy)
Author(s): Carmela De Vivo, Marta Ellena, Giuliana Barbato, Alessandro Pugliese, Francesca Marinucci, Tomaso Barilli, Paola Mercogliano | |

- 14:30 S6.2 **Decoding spatial patterns of sea surface temperature changes over the Red Sea and their links to the Red Sea Dipole and upwelling mechanisms**
Ahmed KENAWY, Instituto Pirenaico De Ecología, Csic, Zaragoza (Spain)
Author(s): Ahmed Kenawy, Mohammad Hadi Bordbar

SESSION 6

Wed
25
Sep

15:00 – 15:45 (CEST)
POSTER SESSION 2

Museum of the Environment
(Main hall, ground floor)

- [P2.1] **Using Intensity – Duration (ID) Thresholds and Remote Sensing Techniques to Reduce the Impact of Mediterranean Cyclones on Landslides and Floods**
Tim VAN DER SCHRIEK, National Technical University of Athens, School of Mining and Metallurgical Engineering, Athens (Greece)
Author(s): Constantinos Nefros, Gianna Kitsara, Constantinos Loupasakis, Tim van der Schriek
- [P2.2] **Role of aerosols in Mediterranean cyclones: integration between modeling products, aerosol dry deposition data and public engagement practices**
Pierina IELPO, Institute of Atmospheric Sciences and Climate - Italian National Research Council (CNR-ISAC), Lecce (Italy)
Author(s): Elenio Avolio, Pierina Ielpo, Cristina Mangia, Ferdinando De Tomasi, Konrad Kandler, Mario Marcello Miglietta, Umberto Rizza
- [P2.3] **A storm surge hindcast dataset for the Mediterranean Sea**
Andrea LIRA LOARCA, University of Genoa, Genoa (Italy)
Author(s): Filippo Giaroli, Andrea Lira Loarca, Francesco Ferrari, Giovanni Besio
- [P2.4] **The signature of the Western Mediterranean Transition is fading away: the new state of the deep Western Mediterranean**
Katrin SCHROEDER, CNR ISMAR, Venezia (Italy)
Author(s): Katrin Schroeder, Jacopo Chiggiato, Toste Tanhua, Mireno Borghini, Francesco Falcieri
- [P2.5] **Remote Monitoring of Air Quality Performance with a Portable Automatic Wireless Weather Station**
Loubna BOUHACHLAF, Faculty of Sciences, Mohammed V University in Rabat, Rabat (Morocco)
Author(s): Loubna Bouhachlaf, Souad El Hajjaji
- [P2.6] **Impact of climate change in near future on tourism in Odesa, Ukraine: approach using Holiday Climate Index**
Valeriy KHOKHLOV, University of Stirling, Stirling (The United Kingdom)
Author(s): Valeriy Khokhlov
- [P2.7] **Assessing traffic pollution in urban areas: a study under the PNRR CN Sustainable Mobility project**
Gianluca PAPPACCOGLI, University of Salento, Dipartimento di Scienze e Tecnologie Biologiche ed Ambientali, Lecce (Italy)
Author(s): Chiara Metrangolo, Adelaide Dinoi, Antonio Esposito, Gianluca Pappaccogli, Antonio Donateo, Prashant Kumar, Jose Luis Santiago, Riccardo Buccolieri
- [P2.8] **Remote Sensing Analysis of the Surface Urban Heat Island effect at the wider area of Athens, Greece. The case of the heat wave in July 2023**
Panagiotis T. NASTOS, Laboratory of Climatology and Atmospheric Environment, National and Kapodistrian University of Athens,, Athens (Greece)
Author(s): Nikos Kordalis, Panagiotis T. Nastos
- [P2.9] **WRF simulations with Local Climate Zones to explore the thermo-hygrometric conditions during heat waves in the urban area of Rome**
Serena FALASCA, Sapienza University of Rome, Rome (Italy)
Author(s): Serena Falasca, Annachiara Bellini, Stefano Casadio, Annalisa di Bernardino, Anna Maria Iannarelli, Ferdinando Salata, Anna Maria Siani

SESSION 1

SESSION 6

SESSION 4

- [P2.10] **Bioclimatic Assessment for Creation of Climate Neutral Zone within city of Ioannina, Greece**
Panagiotis NASTOS, National & Kapodistrian University of Athens, Athens (Greece)
Author(s): Angelos Chasiotis, Elissavet Feloni, Sofia Gialama, Maria Bousdeki, Panagiotis Nastos, Dimitris Piromalis
- [P2.11] **Earlier onset of the spring in Serbia (1950-2020)**
Jelena LUKOVIC, University of Belgrade, Belgrade (Serbia)
Author(s): Nina Cegar, Jelena Lukovic
- [P2.12] **New Paleo simulations of oxygen isotopes in the Mediterranean Sea using a high-resolution oceanic model**
Jean-Claude DUTAY, Laboratoire des Sciences du Climat et de l'Environnement, Gif-sur-yvette (France)
Author(s): Mohamed Ayache, Jean-claude Dutay, Anne Mouchet, Kazuyo Tachikawa, Camille Risi, Laurent Li, Vincent Guarinos, Gilles Ramstein
- [P2.13] **Water column oxygenation state in the early Holocene Mediterranean Sea sapropel deposition inferred from planktic foraminiferal I/Ca and U/Ca ratios and box model approach**
Vincent GUARINOS, Aix Marseille Univ, Cnrs, Ird, Inrae, Coll France, Cerege, Aix-en-provence (France)
Author(s): Vincent Guarinos, Kazuyo Tachikawa, Laurence Vidal, Marta Garcia, Mohamed Ayache, Jean-claude Dutay, Nathan Minon, Corinne Sonzogni, Marie Revel, Hartmut Schulz, Francisco Javier Sierro
- [P2.14] **Palaeoceanographic study of the Epidaurus basin during the past 1500 years: An organic biogeochemical approach**
Maria-Sofia KAPIRI, Hellenic Centre for Marine Research, Institute of Oceanography, Anavyssos (Greece); Faculty of Geology and Geoenvironment, University of Athens, Athens (Greece); Department of Environmental Chemistry, Institute of Environmental Assessment and Water Research, Barcelona (Spain); and **Alexandra GOGOU**, Hellenic Centre for Marine Research, Institute of Oceanography, Anavyssos (Greece).
Author(s): Maria-Sofia Kapiri, Alexandra Gogou, Constantine Parinos, Belen Martrat, Grigoris Rousakis, Margarita Dimiza, Elisavet Skampa, Lingle Chen, Aristomenis Karageorgis, Maria Triantaphyllou

SESSION 4

SESSION 8

Wed
25
Sep

15:45 – 16:15 (CEST) – Coffee break

Wed
25
Sep

16: 15 – 17:30 (CEST) – Session 7 & 10
Climate variability, predictability and change in worldwide Mediterranean-type regions / Climate adaptation strategies
Chairs: Jelena LUKOVIC, Roberto BARBIERO

Parallel session
Main room
Auditorium Ecotekne

- 16:15 S7.7 **A Local Wave Activity Interpretation of the Large Scale Drivers Behind the Projected Drying of the Mediterranean**
Dor SANDLER, Tel Aviv University, Tel Aviv (Israel)
Author(s): Dor Sandler, Hadas Saaroni, Baruch Ziv, Rotem Ton, Nili Harnik
- 16:30 S7.8 **Contrasted future scenarios for extreme rainfall and floods in Mediterranean basins**
Yves TRAMBLAY, Espace Dev (univ. Montpellier, Ird), Montpellier (France)
Author(s): Yves Tramblay, Eric Sauquet, Paola Marson, Louis Héraud, Guillaume Thirel, Laurent Strohmenger, Agnès Ducharne, Peng Huang, Simon Munier, Patrick Arnaud, François Colleoni, Jean-michel Soubeyroux
- 16:45 S7.9 **Mechanisms driving asymmetry of day-to-day temperature differences**
Radan HUTH, Institute of Atmospheric Physics, Czech Academy of Sciences, Praha (Czechia) and Dept. of Physical Geography and Geoecology, Faculty of Science, Charles University, Praha (Czechia)
Author(s): Radan Huth, Jan Stryhal, Pavel Sedlák, Tomáš Krauskopf, Denisa Navrátilová, Marek Kašpar
- 17:00 S7.10 **Decadal predictions outperform climate projections in forecasting Mediterranean wintertime precipitation**
Dario NICOLI, CMCC - Centro Euro Mediterraneo Sui Cambiamenti Climatici, Bologna (Italy)
Author(s): Dario Nicoli, Silvio Gualdi, Panos Athanasiadis

SESSION 7

SESSION 7

- 17:15 S10.7 **Good practice community and citizen engagement for accelerating a climate resilient future in Europe and beyond**
Rosie WITTON, Stockholm Environment Institute, Oxford (United Kingdom)
Author(s): Rosie Witton, Sukaina Bharwani

SESSION 10

Wed
25
Sep

16:15 – 17:30 (CEST) – Session 4 & 9
Urban climate and weather / Artificial Intelligence at the service of climate sciences in the Mediterranean region
Chair: Panagiotis T. NASTOS, Silvia TORRESAN

Parallel session
Room
Community Library, first floor

- 16:15 S4.7 **On the Effects of Urban Areas on Thermally-Driven Circulations in an Idealized Alpine Valley**
Andrea ZONATO, Royal Netherlands Meteorological Institute (knmi), De Bilt (Paesi Bassi)
Author(s): Andrea Zonato, Lorenzo Giovannini, Aldo Brandi
- 16:30 S4.8 **The Influence of Climate Change on Mediterranean cities: A Study Using BEP+BEM Offline Scheme**
Gianluca PAPPACCOGLI, Dipartimento di Scienze e Tecnologie Biologiche ed Ambientali, University of Salento, Lecce (Italy)
Author(s): Gianluca Pappaccogli, Andrea Zonato, Alberto Martilli, Riccardo Buccolieri, Piero Lionello
- 16:45 S9.5 **AI for High-Resolution data: downscaling coarse numerical simulations with a Deep Learning Latent Diffusion Model**
Elena TOMASI, Fondazione Bruno Kessler, Trento (Italy)
Author(s): Elena Tomasi, Gabriele Franch, Marco Cristoforetti
- 17:00 S9.6 **MeteoEurope1km and ChatGPT integration: Chat with high-resolution historical meteorological data through advanced NLP**
Aleksandar SEKULIĆ, University of Belgrade, Faculty of Civil Engineering, Belgrade (Serbia)
Author(s): Aleksandar Sekulić, Milan Kilibarda
- 17:15 S9.7 **Hypoxia extreme events in a changing climate: Machine learning methods and deterministic simulations for future scenarios development in the Venice Lagoon**
Federica ZENNARO, Fondazione Cmcc - Centro Euro-mediterraneo Sui Cambiamenti Climatici, Lecce (Italy)
Author(s): Federica Zennaro, Elisa Furlan, Donata Canu, Leslie Aveytua Alcazar, Ginevra Rosati, Cosimo Solidoro, Andrea Critto

SESSION 4

SESSION 9

Wed
25
Sep

17:30 – 18:30 (CEST)
SISC General Assembly of Members

Day 3 | Thursday 26 September 2024

Thu 26 Sep	09:00 – 09:30 (CEST) - Registration of participants
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Thu 26 Sep	09:30 – 10:00 (CEST) INVITED TALK Chair: Piero LIONELLO
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AI-based attribution of extreme events

David BARRIOPEDRO, Instituto de Geociencias (IGEO), CSIC-UCM, Madrid, Spain

Thu 26 Sep	10:00 – 11:00 (CEST) – Session 6 & 9 Ocean dynamics and coastal risks / Artificial Intelligence at the service of climate sciences in the Mediterranean region Chairs: Katrin SCHROEDER, Silvia TORRESAN	Main room Auditorium Ecotekne
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|-------|------|--|-----------|
| 10:00 | S6.3 | <p>Spatio-Temporal Distribution of 129I and 236U in the western Mediterranean Sea
 Lorenza RAIMONDI, Physical Oceanography, Eth Zürich, Zürich (Switzerland)
 Author(s): Maria Leimbacher, Lorenza Raimondi, Maxi Castrillejo, Habacuc Perez Tribouiller, Markus Christl, Cristof Vockenhuber, Katrin Schroeder, Núria Casacuberta</p> | SESSION 6 |
| 10:15 | S6.4 | <p>Extreme wave climate in the Mediterranean Sea under RCP8.5 until 2100: A focus on extreme quantiles and return periods
 Andrea LIRA-LOARCA, University of Genoa, Genoa (Italy)
 Author(s): Andrea Lira-loarca, Tim Toomey, Marta Marcos, Alejandro Orfila, Giovanni Besio</p> | |
| 10:30 | S9.1 | <p>Developing an AI-based method to analyze the effects of climate change on precipitation patterns in Emilia Romagna
 Ilenia MANCO, Centro Euro-mediterraneo Sui Cambiamenti Climatici, Caserta (Italy)
 Author(s): Ilenia Manco, Guido Rianna, Paola Mercogliano</p> | SESSION 9 |
| 10:45 | S9.2 | <p>Neural-network reconstructions and projections of seasonal precipitation at local scale in two sites of Trentino region
 Antonello PASINI, National Research Council, Rome (Italy)
 Author(s): Cristina Iacomino, Antonello Pasini</p> | |

Thu 26 Sep	11:00 – 11:30 (CEST) – Coffee Break
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Thu 26 Sep		11:30 – 13:00 (CEST) – Session 9 and 7 Artificial Intelligence at the service of climate sciences in the Mediterranean region / Climate variability, predictability and change in worldwide Mediterranean-type regions Chair: Silvia TORRESAN, Richard SEAGER	Main room Auditorium Ecotekne
11:30	S9.3	The response of the Venice lagoon to climate change and its internal spatial gradients: a neural network approach Fabio BOZZEDA , University of Salento, Lecce (Italy) Author(s): Fabio Bozzeda, Marco Sigovini, Piero Lionello	SESSION 9
11:45	S9.4	Integrating Nature-based Solutions into Climate Risk Management: A holistic framework enhanced by Machine Learning Christian SIMEONI , Department of Environmental Sciences, Informatics and Statistics, Ca' Foscari University of Venice, Venice (Italy), Euro-mediterranean Centre on Climate Change at Ca' Foscari University of Venice, Icr-cmcc Institute for Climate, Venice (Italy) Author(s): Christian Simeoni, Elena Allegri, Elisa Furlan, Angelica Bianconi, Vuong Pham, Fransesc Maynou, Remy Simide, Sebastiano Vascon, Andrea Critto, Antonio Marcomini	
12:00	S7.1	The critical role of circulation changes in explaining historical trends in precipitation in the world's Mediterranean-type climate regions Richard SEAGER , Lamont Doherty Earth Observatory of Columbia University, New York (USA) Author(s): Richard Seager, Yutian Wu, Annalisa Cherchi, Isla Simpson, Timothy Osborn, Yochanan Kushnir, Jelena Lukovic, Haibo Liu, Jennifer Nakamura	SESSION 7
12:15	S7.2	Model filtering based on atmospheric circulation patterns over the Western Mediterranean: future projections of extreme indices Matias OLMO , Barcelona Supercomputing Center, Barcelona (Spain) Matias Olmo, Pep Cos, Diego Campos, Angel Muñoz, Francisco Doblado-Reyes, Albert Soret	
12:30	S7.3	A Later Onset of the Rainy Season in California Jelena LUKOVIC , University of Belgrade, Belgrade, Author(s): Jelena Lukovic, John Chiang, Dragan Blagojevic, Aleksandar Sekulic	
12:45	S7.4	Global and Regional Impacts of a Warmer Mediterranean Sea Simulated with the Fully-Coupled Community Earth System Model (CESM) Emir TOKER , Eurasia Institute of Earth Sciences, Istanbul Technical University, Istanbul (Turkey) Author(s): Emir Toker, Mehmet Ilıcak, Gokhan Danabasoglu, Omer Lutfi Sen	
Thu 26 Sep		13:00 – 13:45 (CEST) – Lunch break	
Thu 26 Sep		13:45 – 15:00 (CEST) – Session 7 & 8 Climate variability, predictability and change in worldwide Mediterranean-type regions / Mediterranean climate at multiple time scales since the Pliocene to the historical past Chair: Richard SEAGER, Maria TRIANTAPHYLLOU	Main room Auditorium Ecotekne
13:45	S7.5	Impact of tropical SSTs on the late-winter signal over the North Atlantic-European region and contribution of midlatitude Atlantic Ivana HERCEG BULIĆ , University of Zagreb, Faculty of Science, Department of Geophysics, Zagreb (Croatia) Author(s): Ivana Herceg Bulić, Sara Ivasić, Margareta Popović	SESSION 7
14:00	S7.6	Disentangling projected stationary wave changes: implications for future drying of the Mediterranean region Chaim GARFINKEL , Hebrew University, Jerusalem (Israel) Author(s): Chaim Garfinkel, Benny Keller	

- 14:15 S8.1 **Climatic and biogeochemical drivers of sapropel formation in the Mediterranean Sea: A model assessment**
Katharina D. SIX, Max Planck Institute for Meteorology, Hamburg (Germany)
Author(s): Katharina D. Six, Uwe Mikolajewicz, Gerhard Schmiedl
- 14:30 S8.2 **Simulation of interannual rainfall variability in Mediterranean islands during the Neolithic and Metal Ages**
Christian DEPRAETERE, Institut de Recherche pour le Développement, Montpellier (France)
Author(s): Christian Depraetere, Helen Dawson, Stéphane Ploix
- 14:45 S8.3 **Paleoclimate evidence highlights mechanism governing significant arid intervals in the eastern Mediterranean with implications for ongoing present day drying**
Yochanan KUSHNIR, Lamont-doherty Earth Observatory - Columbia University, Palisades, New York (USA)
Author(s): Yochanan Kushnir, Mordechai Stein, Michela Biasutti, Yael Kiro, Yonaton Goldsmith, Steven L. Godlstein

SESSION 8

Thu
26
Sep

15:00 – 15:45 (CEST)
POSTER SESSION 3

Museum of the Environment
(Main hall, ground floor)

- [P3.1] **Geographical Changes Detection for Present and Future Mediterranean Climate Types over the Mediterranean Basin**
Nami YURTSEVEN, Center for Climate Change and Policy Studies, Bogazici University, Istanbul 3434, Türkiye
Author(s): Murat Türkeş, Nami Yurtseven
- [P3.2] **Seasonal Prediction of snow resources and water availability in Alpine and downstream regions: a first evaluation of the S3M snow model simulations over the Po river basin (Italy)**
Matteo LORENZO, Institute of Atmospheric Sciences and Climate, National Research Council (ISAC-CNR), Torino (Italy)
Author(s): Matteo Lorenzo, Francesco Avanzi, Andrea Libertino, Lorenzo Campo, Lorenzo Alfieri, Marta Tuninetti, Stefania Tamea, Jost Von Hardenberg, Martina Viscido, Amirarsalan Shahmohammadi, Silvia Terzago
- [P3.3] **Dynamical downscaling of CMIP6 scenarios with ENEA-REG: an impact oriented application for the MED-CORDEX region**
Sandro CALMANTI, ENEA, Rome (Italy)
Author(s): Alessandro Anav, Marta Antonelli, Sandro Calmanti, Adriana Carillo, Franco Catalano, Alessandro Dell'aquila, Roberto Iacono, Salvatore Marullo, Ernesto Napolitano, Massimiliano Palma, Giovanna Pisacane, Gianmaria Sannino, Maria Vittoria Struglia
- [P3.4] **Forced and Intrinsic Low-Frequency Variability in the Mediterranean Sea from a Multi-Decadal Ensemble Simulation**
Damien HÉRON, Institut des Géosciences de L'environnement (ige), Grenoble (France)
Author(s): Damien Héron, Thierry Penduff, Jean-michel Brankart, Pierre Brasseur
- [P3.5] **Assessing Changes in Different Atmospheric Circulations and the Impacts on the Mediterranean Hydroclimate**
Roshanak TOOTOONCHI, University of Trento, Department of Civil, Environmental and Mechanical Engineering, Trento (Italy)
Author(s): Roshanak Tootoonchi, Simona Bordoni, Roberta D'Agostino
- [P3.6] **Disentangle the climate variability over the Western Mediterranean in the midst of climate change**
Diego CAMPOS, Barcelona Supercomputing Center, Barcelona (Spain)
Author(s): Campos Diego, Olmo Matías, Doblaz-reyes Francisco, Cos Josep
- [P3.7] **Revisiting the historical drying of the Mediterranean in the LESFMP simulations**
Chaim GARFINKEL, Hebrew University, Jerusalem (Israel)
Author(s): David Avisar, Chaim Garfinkel

SESSION 7

- [P3.8] **A Fuzzy-based framework for detecting polluted urban subzones during heatwaves**
Vittorio MIRAGLIA, Department of Architecture, University Federico II, Naples (Italy)
Author(s): Barbara Cardone, Ferdinando di Martino, Vittorio Miraglia
- [P3.9] **Deep Learning for Super-Resolution of Mediterranean Sea Surface Temperature Fields**
Claudia FANELLI, Consiglio Nazionale delle Ricerche, Istituto di Scienze Marine, Naples (Italy)
Author(s): Claudia Fanelli, Daniele Ciani, Andrea Pisano, Bruno Buongiorno Nardelli
- [P3.10] **An integrated method based on Machine Learning and dose response effect model applied to Cuneo Emergency Department database access for acute otitis media**
Vito TELESCA, University of Basilicata, Potenza (Italy)
Author(s): Vito Telesca, Massimo Gestro, Vincenzo Condemi, Marica Rondinone
- [P3.11] **Mediterranean climate change and impacts research and innovation supported by AI (Med-CLIMAI): Cooperation action initiative**
Tomislava VUKICEVIC, University Of Belgrade, Belgrade (Serbia)
Author(s): Tomislava Vukicevic, Jelena Lukovic
- [P3.12] **Towards an AI based multi-risk assessment in the Veneto Region**
Silvia TORRESAN, Euro Mediterranean Center on Climate Change, Lecce (Italy)
Author(s): Davide Mauro Ferrario, Marinella Masina, Jacopo Furlanetto, Margherita Maraschini, Marcello Sano, Judith Claassen, Timothy Tiggeloven, Marleen De Rooter, Silvia Torresan, Andrea Critto
- [P3.13] **Spatio-temporal analysis of dry and hot events in the Adige River basin**
Marinella MASINA, Department of Environmental Sciences, Informatics and Statistics, Ca' Foscari University of Venice, Venice (Italy), Euro-mediterranean Center on Climate Change Foundation (cmcc), Lecce (Italy)
Author(s): Marinella Masina, Jacopo Furlanetto, Davide Mauro Ferrario, Margherita Maraschini, Heloisa Labella Fonseca, Alice Crespi, Stefano Terzi, Massimiliano Pittore, Andrea Critto, Silvia Torresan

SESSION 9

SESSION 5

Thu
26
Sep

15:45 – 16:15 (CEST) – Coffee break

Thu
26
Sep

16:15 – 17:30 (CEST) – Session 10
Climate adaptation strategies
Chair: Paola MERCOGLIANO

Parallel session
Main room
Auditorium Ecotekne

- 16:15 S10.12 **A multi-level and multi-stakeholder collaborative process for the co-design of a regional adaptation strategy: the case of the Autonomous Province of Trento (Italian Alps)**
Lavinia LAITI, Agenzia Provinciale per la Protezione dell'ambiente, Provincia Autonoma di Trento, Trento (Italy)
Author(s): Lavinia Laiti, Roberto Barbiero
- 16:30 S10.13 **Strategic Climate Adaptation and Water Security in Italy: The Regional Integrated Meteorological Network (RIMU) and the MORE4WATER Project (Water4All Joint Transnational Call)**
Paolina BONGIOANNINI CERLINI, Physics and Geology Department, University of Perugia, Perugia (Italy)
Author(s): Paolina Bongioannini Cerlini, Miriam Saraceni, Lorenzo Silverstri, Silvia Meniconi, Stefano Nodessi Proietti, Bruno Brunone
- 16:45 S10.14 **Scientia est potentia: exploring citizen's knowledge on climate change adaptation strategies during drought extreme events. The Spanish Case**
Lucia MORENO, Ibercivis Foundation, Zaragoza (Spain)
Author(s): Marina Mattera, Madeline Baldelli, Lucia Moreno, Judith Bielsa, Paola Mercogliano, Alfredo Reder, Marianna Adinolfi, Arianna Acierno, Xiomara Ferrer

SESSION 10

- 17:00 S10.15 **Saltmarsh restoration for adapting to seal level rise in the Venice Lagoon**
Perla RIVADENEYRA, Ca' Foscari University of Venice, Venice (Italy)
 Author(s): Carlo Giupponi, Federico Cornacchia, Behnaz Monooei Fard, Sebastian Raimondo, Perla Rivadeneyra

SESSION 10

Thu
26
Sep

16: 15 – 17:30 (CEST) – Session 8 & 11

Mediterranean climate at multiple time scales since the Pliocene to the historical past / Open session on Mediterranean Climate issues
 Chairs: Maria TRIANTAPHYLLOU, Piero LIONELLO

Parallel session

Room

Community Library, first floor

- 16:15 S8.4 **Contrasting the response of Mediterranean basin to early-Holocene (9k) and last interglacial (125k) conditions for sapropel S1 and S5: the interest of a dedicated platform**
Gilles RAMSTEIN, LSCE (Laboratory of Sciences, Climate and Environment), Gif Sur Yvette (France)
 Author(s): Gilles Ramstein, Laurent Li, Mohamed Ayache, Manua Ewart, Sébastien Nguyen, Jean-Claude Dutay, Tristan Vadsaria, Kazuyo Tachikawa
- 16:30 S8.5 **The paleoceanographic reconstruction of the Cretan Basin (South Aegean Sea, NE Mediterranean) – investigating the “warm Pliocene” in the eastern Mediterranean**
Maria TRIANTAPHYLLOU, National and Kapodistrian University of Athens, Faculty of Geology and Geoenvironment,, Athens (Greece)
 Author(s): Elisavet Skampa, Margarita Dimiza, Agniezka Arabas, Alexandra Gogou, Ioannis Panagiotopoulos, Theodora Tsourou, Dimitrios Velaoras, Marios Karagiorgas, Karl-heinz Baumann, Ioanna Bouloubassi, Maria Triantaphyllou
- 16:45 S11.6 **Winter Season Impacts of Atmospheric Rivers in the Headwaters of Euphrates-Tigris Basin**
Yasemin EZBER, Istanbul Technical University, Istanbul (Turkey)
 Author(s): Yasemin Ezber, Deniz Bozkurt, Omer L. Sen
- 17:00 S11.7 **A newly high resolution configuration (convection-permitting in the atmosphere/non-hydrostatic in the ocean) of the Regional Coupled System Model RegCM-ES over the northern Italy (Northern Mediterranean region)**
Marco REALE, National Institute of Oceanography and Applied Geophysics-ogs, Trieste (Italy)
 Author(s): Marco Reale, Graziano Giuliani, Emanuela Pichelli, Erika Coppola, Stefano Querin, Stefano Salon, Luisa Vargas-heinz, Fabio Giordano

SESSION 8

SESSION 11

Thu
26
Sep

19:30 – Conference Dinner

University of Salento
Rettorato dell'Università del Salento
Piazza Tancredi 7
Lecce

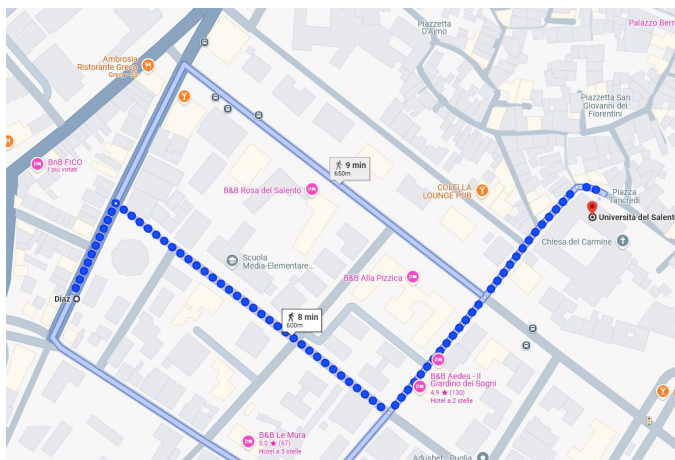


Maps:

https://www.google.com/maps/place/Universit%C3%A0+del+Salento/@40.3495641,18.1646922,17z/data=!4m14!1m7!3m6!1s0x13442ee79da8cdd7:0x5bbe4afbe058aa6f!2sUniversit%C3%A0+del+Salento!8m2!3d40.34956!4d18.1672671!16zL20vMGN3Z2dt!3m5!1s0x13442ee79da8cdd7:0x5bbe4afbe058aa6f!8m2!3d40.34956!4d18.1672671!16zL20vMGN3Z2dt?entry=ttu&g_ep=EgoyMDI0MDgyOC4wLkXMDSoASAFQAw%3D%3D

From Diaz bus stop (viale Università)

https://www.google.com/maps/dir/'/Universit%C3%A0+del+Salento,+Piazza+Tancredi,+7,+73100+Lecce+LE/@40.3495211,18.1640971,18z/data=!4m14!4m13!1m5!1m1!1s0x13442f2093579c71:0x4cce3453d8d38af0!2m2!1d18.162519!2d40.348988!1m5!1m1!1s0x13442ee79da8cdd7:0x5bbe4afbe058aa6f!2m2!1d18.1672671!2d40.34956!3e2?entry=ttu&g_ep=EgoyMDI0MDgyOC4wLkXMDSoASAFQAw%3D%3D



Day 4 | Friday 27 September 2024

Fri 27 Sep	09:00 – 09:30 (CEST) - Registration of participants	
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Fri 27 Sep	09:30 – 10:00 (CEST) INVITED TALK Chair: Piero LIONELLO	Main room Auditorium Ecotekne
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Science-policy interface (TBC)
Anna PIRANI, CMCC (Italy)

Fri 27 Sep	10:00 – 11:00 (CEST) – Session 10 Climate adaptation strategies Chairs: Paola MERCOGLIANO, Roberto BARBIERO	Main room Auditorium Ecotekne
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|-------------|---|------------|
| 10:00 S10.1 | Policy Gap Analysis for Climate Adaptation Strategies
Dmitry EROKHIN , International Institute for Applied Systems Analysis, Laxenburg (Austria)
Author(s): Dmitry Erokhin, Nadejda Komendantova | SESSION 10 |
| 10:15 S10.2 | Creating Enabling Conditions for Transformative Climate Action: The Role of Climate Services
Matteo COLUCCI , Euro-mediterranean Centre on Climate Change, Venice (Italy)
Author(s): Jaroslav Mysiak, Chiara Bidoli, Chiara Calderaro, Simone Taddeo, Matteo Colucci | |
| 10:30 S10.3 | ECOAZUL-MED climate service: a co-designed tool supporting aquaculture, fisheries and coastal tourism in the Spanish Mediterranean coasts in the coming decades
Alba DE LA VARA , Kveloce, Valencia (Spain)
Author(s): Alba De La Vara, William Cabos, Mireia Ferri | |
| 10:45 S10.4 | MedECC Special Report on Climate and Environmental Coastal Risks in the Mediterranean
Piero LIONELLO , University of Salento, Lecce (Italy)
Author(s): Salpie Djoundourian, Piero Lionello, María Carmen Llasat, Mohamed Abdrabo, Murat Belivermiş, Z. Selmin Burak, Dario Camuffo, Nathalie Hilmi, José A. Jiménez, Suzan Kholeif Kholeif, Stefano Moncada, Anna Pirani, Agustín Sánchez-Arcilla, Athanasios Vafeidis Vafeidis | |

Fri 27 Sep	11:00 – 11:30 (CEST) – Coffee Break	
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Fri 27 Sep	11:30 – 13:00 (CEST) – Session 10 Climate adaptation strategies Chairs: Paola MERCOGLIANO, Roberto BARBIERO	Main room Auditorium Ecotekne
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| 11:30 S10.5 | The AGORA Digital Academy to promote the usage of climate data and information supporting adaptation
Marianna ADINOLFI , Cmcc Foundation, Lecce (Italy)
Author(s): Marianna Adinolfi, Alfredo Reder, Paola Mercogliano, Madeline Baldelli, Marina Mattera, Arianna Acierno, Marta Ellena, Andreas Hoy, Massimo Milelli, Riccardo Biondi | SESSION 10 |
|-------------|---|------------|

- 11:45 S10.6 **Interlinking climate change with water - energy - food - ecosystems nexus in the Mediterranean Basin**
Ahmed KENAWY, Instituto Pirenaico De Ecología, Csic, Zaragoza (Spain)
Author(s): Philippe Drobinski, Marta G. Rivera Ferre, Mohamed Abdel Monem, Assem Abu Hatab, Mohamed Behnassi, Tarik Chfadi, Wolfgang Cramer, Marta Debolini, Fatima Driouech, Joël Guiot, Ahmed El-kenawy, Margarita García-vila, Emilia Lamonaca, Feliu López-i-gelats, Žiga Malek, Maria P. Papadopoulou, Fabio G. Santeramo
- 12:00 S10.7 **National climate service of Serbia for Climate Change Vulnerability Assessments and Adaptation**
Irida LAZIC, Faculty of Physics, University of Belgrade, Belgrade (Serbia)
Author(s): Irida Lazic, Milica Tosic, Darko Savic, Lazar Filipovic, Vladimir Djurdjevic
- 12:15 S10.8 **Climate risk assessment and adaptation plans for integrated water services in the Turin area**
Elisa BRUSSOLO, Centro Ricerche Smat, Società Metropolitana Acque Torino S.p.a., Torino (Italy)
Author(s): Elisa Brussolo, Davide Tiranti, Roberto Cremonini, Simona Barbarino
- 12:30 S10.9 **Role of Sub-National Regional Entities in Implementing National Adaptation Plan: The Importance of Capacity Building and Networking**
Domenico VITO, Fondazione Lombardia per L'Ambiente, Milan (Italy)
Author(s): Domenico Vito, Aurora Nurce, Mita Lapi, Antonio Ballarin-Denti
- 12:45 S10.10 **Demonstration and mainstreaming Nbs for climate resilient transformation in the Mediterranean**
Christian SIMEONI, Department of Environmental Sciences, Informatics and Statistics, Ca' Foscari University of Venice, Venice (Italy), Euro-mediterranean Centre on Climate Change At Ca' Foscari University of Venice, Icr-cmcc Institute for Climate Resilience, Venice (Italy)
Author(s): Christian Simeoni, Jordan Bishop, Elena Allegri, Vuong Pham, Angelica Bianconi, Margaretha Breil, Elisa Furlan

SESSION 10

Fri
27
Sep

13:00 – 13:45 (CEST) – Lunch break

Fri
27
Sep

13:45 – 15:00 (CEST) – Session 11
Open session on Mediterranean Climate issues
Chair: Maria Cristina FACCHINI

Main room
Auditorium Ecotekne

- 13:45 S11.1 **Dam it... We lose too much water!**
Enrique MORÁN-TEJEDA, University of The Balearic Islands. Department of Geography, Palma (Spain)
Author(s): Enrique Morán-Tejeda, Jorge Lorenzo-Iacruz, Sergio M. Vicente-Serrano, Celso García
- 14:00 S11.2 **The Environmental Change-Migration-Conflict Nexus: A Challenge to Mediterranean Policy Makers**
Audrey BROUILLET, The Cyprus Institute, Nicosia (Cyprus)
Author(s): Manfred A. Lange, Roula Majdalani, Eda Acara, Audrey Brouillet, Wolfgang Cramer, Cagdas Dedeoglu, Andrea Dessì, Fatima Driouech, Joël Guiot, Roman Hoffman, Vally Koubi, Lena Reimann, Jürgen Scheffran, Ourania Tzoraki, Jan Wilkens, George Zittis
- 14:15 S11.3 **Investigating Climate of the Euro-Mediterranean Using Variable-resolution Community Earth System Model (VR-CESM)**
Burcu BOZA, Istanbul Technical University, Eurasia Institute of Earth Sciences, Istanbul (Türkiye)
Author(s): Burcu Boza, Adam Herrington, Mehmet Ilıcak, Gokhan Danabasoglu, Omer Lutfi Sen
- 14:30 S11.4 **Air stagnation in the Euro-Mediterranean region: past, future and impact on air quality**
Ricardo GARCÍA-HERRERA, Universidad Complutense De Madrid, Madrid (Spain)
Author(s): Jose M. Garrido-Perez, Ricardo García-Herrera, Carlos Ordóñez, David Barriopedro
- 14:45 S11.5 **Storing CO₂ as bicarbonates in seawater for CO₂ storage and removal: Life Cycle Assessment and techno-economic assessment**
Francesco CAMPO, Limenet, Galbiate LC (Italy)
Author(s): Stefano Caserini, Piero Macchi, Guido Raos, Selene Varliero, Francesco Campo, Stefano Cappello, Giovanni Cappello, Mario Grosso

SESSION 11

Fri
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15:00 – 15:45 (CEST)
POSTER SESSION 4

Museum of the Environment
(Main hall, ground floor)

- [P4.1] **Integrating Renewable Energy for Climate Adaptation and Improved Air Quality in the Mediterranean Region**
Victoria GALLARDO, University of Murcia, Murcia (Spain)
Author(s): Victoria Gallardo, Pedro Jimenez-Guerrero, Sonia Jerez
- [P4.2] **Presentation of the first Guidelines for monitoring the micro-climate impact from photovoltaic systems**
Massimo Enrico FERRARIO, Arpav - Agenzia Regionale per La Prevenzione E Protezione Ambientale, Teolo (Italy)
Author(s): Massimo Enrico Ferrario, Cristina Lavecchia, Samantha Pilati, Giuseppe Frustaci
- [P4.3] **Quality and Homogeneity of Precipitation Data for Hydrological Applications and Flood Control in Manaus, Amazonas, Brazil**
Marcela BELEZA DE CASTRO, Department of Geography, Federal University of Amazonas (UFAM), Manaus (Brazil)
Author(s): Marcela Beleza De Castro, Fiorella Acquaotta, João Cândido André Da Silva Neto
- [P4.4] **High-temperature extremes and climate adaptation in the Euro-Mediterranean region**
Victoria GALLARDO, Regional Atmospheric Modelling Group, Department of Physics, University of Murcia, Murcia (Spain)
Author(s): Victoria Gallardo, Emilia Sánchez Gómez Eleonore Riber, Julien Boé, Laurent Terray, Juan Pedro Montávez
- [P4.5] **The role of citizens in collecting weather data, the examples of I-CHANGE and AGORA Projects**
Nicola LOGLISCI, Cima Foundation, Savona (Italy)
Author(s): Massimo Milelli, Riccardo Biondi, Nicola Loglisci, Antonio Parodi, Marianna Adinolfi, Paola Mercogliano
- [P4.6] **Assessing the Environmental Impact of Green Hydrogen in Türkiye Using Climate Projections and Life Cycle Analysis**
Denizhan GUVEN, Istanbul Technical University, Istanbul (Türkiye)
Author(s): Denizhan Guven, M. Ozgur Kayalica
- [P4.7] **Quantifying the impact of climate change on tourism demand: the case of Greece**
Tim VAN DER SCHRIEK, Institute for Environmental Research and Sustainable Development, National Observatory of Athens, Athens (Greece)
Author(s): Gianna Kitsara, Sevastianos Mirasgedis, Iason Soultis Avagiannis, George Katavoutas, Christos Giannakopoulos, Tim van der Schriek
- [P4.8] **Future DROughts and ARidification in the MEDiterranean region and ecological impacts (project DROMEDAR)**
Roberta D'AGOSTINO, Italian National Research Council, Institute of Atmospheric Sciences and Climate, Lecce (Italy)
Author(s): Roberta D'Agostino, Giovanni Liguori, Simona Bordoni, Valerio Lembo, Antonio Navarra, Roshanak Tootoonchi, Francesco Cozzoli
- [P4.9] **Exploring potential changes of tornadoes frequency in climate projections for the mediterranean region**
Aqsa MUHAMMADI, University of Salento, Disteba, Lecce (Italy)
Author(s): Piero Lionello and Aqsa Muhammadi
- [P4.10] **The effects of stratification on the variability of the deep Ionian Sea**
Beatrice GIAMBENEDETTI, INGV, Rome (Italy)
Author(s): Beatrice Giambenedetti, Nadia Lo Bue, Vincenzo Artale

SESSION 10

SESSION 11

SESSION 11

Fri
27
Sep

15:45 – 16:15 (CEST)
Closing and Award Ceremony

List of Participants

Last updated: September 25th, 2024

- Marianna **Adinolfi**, CMCC, Caserta, Italy
- Bodo **Ahrens**, Goethe University Frankfurt, Frankfurt, Germany
- Carmen **Alvarez-Castro**, University Pablo de Olavide, Sevilla, Spain
- Julie **André**, Laboratoire de Météorologie Dynamique, Paris, France
- Elenio **Avolio**, National Research Council - Institute of Atmospheric Sciences and Climate CNR - ISAC, Lamezia Terme CZ, Italy
- Roberto **Barbiero**, Agenzia Provinciale per la Protezione dell'Ambiente - APPA, Trento TN, Italy
- Alice **Baronetti**, IGG-CNR, Pisa PI, Italy
- David **Barriopedro**, Instituto de Geociencias (IGEO), CSIC-UCM, Madrid, Spain
- Marcela **Beleza De Castro**, Federal University of Amazonas, Manaus-Amazonas-Brasil, Brazil
- Katinka **Bellomo**, Politecnico di Torino, Torino TO, Italy
- Emna **Ben Lamine**, ECOSEAS/ Côte d'Azur University, Montauroux, France
- Judith **Bielsa**, Fundación Ibercivis, Zaragoza, Spain
- Paolina **Bongioannini Cerlini**, University of Perugia Dept. of Physics and Geology, Perugia PG, Italy
- Giulia **Bonino**, CMCC, Bologna BO, Italy
- Marijana **Boras**, University of Zagreb, Faculty of Science, Department of Geophysics, Zagreb, Croatia
- Loubna **Bouhachlaf**, Laboratory of Spectroscopy, Molecular Modeling, Materials, Nanomaterial, Water and Environment, CERNE2D, Mohammed V University in Rabat, Faculty of Science, Rabat, Morocco
- Ioanna **Bouloubassi**, LOCEAN, Paris, France
- Burcu Zehra **Boza Karul**, Istanbul Technical University, Istanbul, Türkiye
- Fabio **Bozzeda**, University of Salento, BELLARIA-IGEA MARINA RN, Italy
- Rayane **Brito De Almeida**, Federal University of Amazonas, Manaus, Brazil
- Elisa **Brussolo**, Società Metropolitana Acque Torino - Centro Ricerche, Turin TO, Italy
- Sandro **Calmanti**, ENEA, S. M. di Galeria RM, Italy
- Chiara **Cagnazzo**, ECMWF, Bonn, Germany
- Cécile **Caillaud**, CNRM-MétéoFrance, Toulouse, France
- Francesco **Campo**, Limenet, Galbiate LC, Italy
- Diego **Campos Díaz**, Barcelona Supercomputing Center, Barcelona, Spain
- Nina **Čegar**, Faculty of Geography, University of Belgrade, Belgrade, Serbia
- Marco **Chericoni**, IUSS Pavia, Cascina PI, Italy
- Agnese Maria **Colizzi**, ARPA Piemonte, Torino TO, Italy
- Matteo **Colucci**, CMCC, Venezia VE, Italy
- Pep **Cos**, Barcelona Supercomputing Center, Barcelona, Spain
- Roberta **D'Agostino**, National Research Council of Italy, Lecce LE, Italy
- Alba **De La Vara**, Kveloce, Valencia, Spain
- Carmela **De Vivo**, CMCC, Caserta CE, Italy
- Christian **Depraetere**, Institut de Recherche pour le Développement, Montpellier FR, France
- Giorgia **Di Capua**, Potsdam Institute for Climate Impact Research, Potsdam, Germany
- Mert **Ergen**, Boğaziçi University, İstanbul, Türkiye
- Dmitry **Erokhin**, International Institute for Applied Systems Analysis, Laxenburg, Laxenburg
- Antonio **Esposito**, University of Salento, Tricase LE, Italy
- Manua **Ewart**, Laboratoire des Sciences du Climat et de l'Environnement, Bois-le-Roi, Seine-et-Marne, France
- Yasemin **Ezber**, Istanbul Technical University, Istanbul, Türkiye
- Maria Cristina **Facchini**, CNR-ISAC, Bologna BO, Italy
- Serena **Falasca**, Physics Department, Sapienza University of Rome, Rome, Italy
- Claudia **Fanelli**, Consiglio Nazionale delle Ricerche - Istituto di Scienze Marine, Napoli NA,
- Davide **Faranda**, CNRS, Gif-sur-Yvette, France
- Massimo Enrico **Ferrario**, ARPAV, Selvazzano Denrto PD, Italy
- Lazar **Filipovic**, Faculty of Physics, University of Belgrade, Belgrade, Serbia
- Victoria **Gallardo**, Regional Atmospheric Modelling (MAR) Group, Department of Physics, University of Murcia, Murcia, Spain
- Glauco **Gallotti**, Leithà, Bologna BO, Italy
- Martina **Gambaro**, SISC and CMCC, Venice VE, Italy

- Ricardo **García Herrera**, Universidad Complutense de Madrid, Madrid, Spain
- Chaim **Garfinkel**, Hebrew University of Jerusalem, Jerusalem, Israel
- Beatrice **Giambenedetti**, INGV, Roma RM, Italy
- Francesco **Giangrande**, University of Salento, Lecce LE, Italy
- Alexandra **Gogou**, HCMR, Anavyssos, Greece
- Silvio **Gualdi**, CMCC Foundation, Bologna BO, Italy
- Vincent **Guarinos**, CEREGE - Aix-Marseille University, CNRS, IRD, Collège de France, INRAE, Aix-en-Provence FR, France
- Denizhan **Güven**, Istanbul Technical University, Istanbul, Türkiye
- Ivana **Herceg Bulić**, University of Zagreb, Faculty of Science, Department of Geophysics, Zagreb, Croatia
- Damien **Héron**, Université Grenoble Alpes, CNRS, IGE, Grenoble, France
- Assaf **Hochman**, Fredy and Nadine Hermann, Institute of Earth Sciences, The Hebrew University of Jerusalem, Israel, Jerusalem, Israel
- Radan **Huth**, Institute of Atmospheric Physics, Praha, Czechia
- Cristina **Iacomino**, University of Bologna, Bologna BO, Italy
- Anastasios **Kalimeris**, Department of Environment, Ionian University, Greece, Zakynthos, Greece
- Maria-Sofia **Kapiri**, Instituto de Diagnóstico Ambiental y Estudios del Agua (IDAEA), CSIC, Athens, Greece
- Ahmed **Kenawy**, Instituto Pirenaico de Ecología, Zaragoza, Spain
- Valeriy **Khokhlov**, University of Stirling, Stirling, United Kingdom
- Milan **Kilibarda**, University of Belgrade, Belgrade SR, Serbia
- Pavel **Kishcha**, Tel Aviv University, Tel Aviv, Israel
- Yochanan **Kushnir**, Lamont-Doherty Earth Observatory, Columbia University, Palisades NY, USA
- Lavinia **Laiti**, Agenzia provinciale per la protezione dell'ambiente (APPA) Provincia autonoma di Trento, Trento TN, Italy
- Irida **Lazic**, Faculty of Physics, University of Belgrade, Belgrade, Serbia
- Piero **Lionello**, University of Salento, Lecce LE, Italy
- Andrea **Lira Loarca**, University of Genoa, Genoa GE, Italy
- Nicola **Loglisci**, CIMA Research Foundation, Savona SV, Italy
- Matteo **Lorenzo**, CNR ISAC, Torino TO, Italy
- Jelena **Lukovic**, University of Belgrade, Belgrade, Serbia
- Marco **Luppichini**, University of Pisa, Pisa PI, Italy
- Paola **Malanotte Rizzoli**, Massachusetts Institute of Technology, Cambridge MA, USA
- Ilenia **Manco**, CMCC, Caserta CE, Italy
- Paolo **Martano**, CNR ISAC, LECCE LE, Italy
- Marinella **Masina**, Fondazione Centro Euro-Mediterraneo sui Cambiamenti Climatici, Venezia Marghera VE, Italy
- Ronan **McAdam**, Fondazione CMCC, Bologna BO, Italy
- Pierre **Mcdonagh**, University of Bath, Bath, United Kingdom
- Milena **Menna**, OGS, Sgonico TS, Italy
- Paola **Mercogliano**, Fondazione CMCC, Caserta CE, Italy
- Uwe **Mikolajewicz**, Max Planck Institute for Meteorology, Hamburg, Germany
- Vittorio **Miraglia**, University of Naples Federico II, Villaricca NA, Italy
- Enrique **Morán-Tejeda**, Department of Geography, University of the Balearic Islands, Palma, Islas Baleares, Spain
- Lucía **Moreno**, Ibercivis Foundation, Zaragoza, Spain
- Aqsa **Muhammadi**, University of Salento, Lecce LE, Italy
- Mauro **Mussin**, ARPA Lombardia, Milano MI, Italy
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- Bora **Orgen**, Bogazici University, Istanbul, Türkiye
- Gianluca **Pappaccogli**, University of Salento, Lecce LE, Italy
- Antonello **Pasini**, National Research Council, Monterotondo Stazione RM, Italy
- Anna **Pirani**, CMCC, Lecce LE, Italy
- Lorenza **Raimondi**, ETH Zürich, Zürich, Switzerland
- Gilles **Ramstein**, LSCE, Gif sur Yvette, France
- Marco **Reale**, National Institute of Oceanography and Applied Geophysics, Trieste,
- Alfredo **Reder**, CMCC Foundation, Caserta CE, Italy
- Christoforus Bayu **Risanto**, Vatican Observatory, Castel Gandolfo RM, Italy
- Perla Irasema **Rivadeneira Garcia**, Ca' Foscari University of Venice, Venice, Italy

Armando **Rocco**, Università degli Studi di Napoli "Parthenope", Salerno SA, Italy

Hadas **Saaroni**, Tel Aviv University, Tel Aviv, Israel

Dor **Sandler**, Tel Aviv University, Tel Aviv, Israel

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Katrin **Schroeder**, CNR ISMAR, Venezia VE, Italy

Jan-Peter **Schulz**, CMCC Foundation, Euro-Mediterranean Center on Climate Change, Caserta, Italy

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Aleksandar **Sekulić**, University of Belgrade, Faculty of Civil Engineering, Belgrade, Serbia

Christian **Simeoni**, CMCC and UNIVE, Montebelluna TV, Italy

Katharina D. **Six**, Max Planck Institute for Meteorology, Hamburg, Germany

Antonello **Squintu**, CMCC, Bologna BO, Italy

Vito **Telesca**, University of Basilicata, Potenza PZ, Italy

Laurent **Terray**, CNRS/Cerfacs, Toulouse, France

Emir **Toker**, Istanbul Technical University, İstanbul, Türkiye

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Roshanak **Tootoonchi**, University of Trento, Trento TN, Italy

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Milica **Tosic**, Faculty of Physics, University of Belgrade, Belgrade, Serbia

Yves **Tramblay**, IRD, Montpellier, France

Arianna **Trevisiol**, RSE S.p.A., Milan MI, Italy

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Murat **Türkeş**, Boğaziçi University, İstanbul TR, Türkiye

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Sergio **Vicente-Serrano**, Instituto Pirenaico de Ecología (CSIC), Zaragoza, Spain

Domenico **Vito**, Fondazione Lombardia Per l'Ambiente, Milan MI, Italy

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Rosie **Witton**, Stockholm Environment Institute, Oxford, United Kingdom

Elena **Xoplaki**, Justus Liebig University Giessen, Giessen, Germany

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