

Monday 25th November 2019	
09:00-18:00	<i>EUCP-WP3 side event (led by Danijel Belusic and Filippo Giorgi, restricted to EUCP members)</i>
09:00-09:20	Opening
09:20-10:30	- Short status update from each group (max 5 min per group) - HPC time issues; are we all on schedule; actions needed?
10:30-11:00	<i>Coffee break</i>
11:00-12:30	Simulations over the requested additional domains
12:30-14:00	<i>Lunch break</i>
14:00-16:00	- Simulations over the requested additional domains (cont., if needed) - Preparing for D3.3: analysis of the scenarios, defining extreme events
16:00-16:30	<i>Coffee break</i>
16:30-18:00	- Remaining data issues - Other questions

Tuesday 26th November 2019			
09:00-12:30	Med-CORDEX workshop, plenary session		
09:00-09:10	Samuel Somot (CNRM): Opening, Practical information		
09:10-09:30	Daniela Jacob, Claas Teichmann (CORDEX SAT, GERICs): CORDEX: its current organisation, its future evolution (invited speaker, remote)		
09:30-09:50	Samuel Somot (CNRM): Med-CORDEX achievements so far, current objectives and organisation		
09:50-10:10	Bodo Ahrens (GUF): Overview of the Med-CORDEX Baseline Runs		
10:10-10:30	Fabien Solmon (LA): Overview of the CORDEX FPS-aerosol		
<i>10:30-11:00</i>	<i>Coffee break + group photo</i>		
11:00-11:20	Julien Boé (CERFACS): Discrepancies in summer climate change over Europe as projected by global and regional models: role of aerosols (Invited speaker, FPS-aerosol related)		
11:20-11:40	Gabriel Jordà (IEO): Overview of the CORDEX FPS-airsea		
11:40-12:00	Markus Meier (IOW): Regional climate system modeling within Baltic Earth (Invited speaker, FPS-airsea related)		
12:00-12:20	Erika Coppola (ICTP) & Stefan Sobolowski (NORCE): Overview of the CORDEX FPS-convection		
12:20-12:40	Nikolina Ban (ETHZ, UIBK): European scale climate change simulations and preliminary evaluation of precipitation in CORDEX-FPS simulations (Invited speaker, FPS-convection related)		
<i>12:40-14:00</i>	<i>Lunch break</i>		
14:00-18:00	FPS-convection parallel session	FPS-airsea parallel session	FPS-aerosol parallel session
14:00-14:20	Introduction to the session (Erika Coppola, Stefan Sobolowski)	Introduction to the session (Gabriel Jordà, Gianmaria Sannino)	Introduction to the session, protocols and run status (Marc Mallet, Fabien Solmon)
14:20-14:40	Short talks on status (Erika Coppola, Stefan Sobolowski)	Short talk on run status (Gabriel Jordà, Gianmaria Sannino)	Marc Mallet (CNRM): The ADRIMED field campaign and the protocol 2A
14:40-15:00	Sophie Bastin, Minh Ha (IPSL): Multi-model analysis of triggering of precipitation : impact of model resolution and convection representation	William Cabos (UAH): The new FESMOM-ROMS model	Christophe Yohia (MIO) : Primary sea spray MesoNH simulation for summer 2013 (remote)

15:00-15:20	Cécile Caillaud (CNRM): Heavy Precipitation Events past variability in the French Mediterranean : an object-oriented approach with CNRM-AROME	Praveen Kumar (GUF) Accessing information flow in coupled and stand-alone simulations	Cyrielle Denjean (CNRM) : In-situ airborne measurements of aerosol properties over the Western Mediterranean basin during the ADRIMED campaign
15:20-15:40	Quentin Fumiere (CNRM) Multi-model approach to determine the response of extreme precipitation to climate change	Florence Sevault (CNRM) Tuning experiments with the CNRM Regional Climate System Model	Joachim Fallman (University of Mainz) : FPS Aerosol simulations at University Mainz using the COSMO-MESSy model framework
15:40-16:00	Danijel Belusic (SMHI) Convection permitting modelling in the northern latitudes	Clea Denamiel (IZOR): Very high-resolution coupled model for the Adriatic Sea	Mariano Mertens (Univ. Mainz) : First results with the aerosol model MADE3 in COSMO-CLM/MESSy
16:00-16:30	<i>Coffee break</i>		
16:30-16:50	Hans-Juergen Panitz (IMK-TRO/KIT) Results from CLMcom-KIT-CCLM evaluation and time-slice runs with focus on tas and pr	Jan Polcher (IPSL) Assessing the water cycle in the MED-CORDEX simulations of the IPSL regional Earth system model	Samuel Remy (HYGEOS) : 2A IFS simulations (remote)
16:50-17:10	Christopher Purr (Goethe University Frankfurt): Temperature scaling of convective cell characteristics in present and future conditions.	Bodo Ahrens (GUF) On recent advances and open issues in coupled systems modelling	François Dulac (LSCE) : A challenge for models: Evidence of a very coarse particle size mode of Saharan dust long-range transported over the Mediterranean, from a drifting balloon experiment during ChArMEx
17:10-17:30	Discussion	Discussions	Discussions: follow-up protocol 2A, future analyses, publications, plans for 2020-21 (Marc Mallet)
17:30-18:00	Preview (food for thought for next day's data handling discussion)	Discussions	Discussions: data format, data storage, ESGF, variable list (Pierre Nabat)
18:00-21:00 - Ice breaker at the conference center			

Wednesday 27th November 2019			
9:00-18:00	FPS-convection parallel session	FPS-airsea parallel session	FPS-aerosol parallel session
09:00-09:10	Science talk or summary from Tuesday	Fulden Batibeniz (ITU): Hindcast Simulation of Atmosphere-Ocean-Wave Coupled Modelling System over the Mediterranean Basin	
09:10-09:30	Science talk or summary from Tuesday (cont.)	Gianmaria Sannino (ENEA) A multi-resolution approach for Mediterranean climate modeling	
09:30-09:50	Nikolina Ban (UIBK and ETHZ): And introduction and overview of the recently initiated TEAMx initiative	Alba de la Vara (UCLM): Impact of ocean-atmosphere coupling on regional climate: the Iberian Peninsula case	Isabelle Chiapello (LOA) : Comparisons between POLDER & ALADIN-Climate simulations
09:50-10h10	Aditya Mishra (WEGC), Heimo Truhetz (WEGC), Klaus Gørgen (FZJ-IBG3) et al.: Evaluation of the precipitation diurnal cycle in WRF CORDEX-FPS hindcasts & climate change's influence on the Austrian test case.	Javier Soto-Navarro (UIB): Challenges in projecting DWF in the Mediterranean	Pierre Nabat (CNRM): ALADIN-Climat simulation for the ERA-Interim period
10h10-10h30	Pedro Soares (IDS): On the added value of km-scale simulations: WRF precipitation results within the FPS Convection (presented by Klaus Goergen, JSC)	Mostafa Hamouda (Univ. Milano): Effects of surface thermal fronts on marine boundary layer dynamics in the Mediterranean	Discussions: follow-up protocol 2B, future analyses, publications, plans for 2020-21 (Marc Mallet)
10:30-11:00	<i>Coffee break</i>		
11:00-11:20	Lizzie Kendon (UKMO) Future changes in UKMO 2.2km pan-European runs (remote)	Robin Waldman (CNRM): Strong sea surface cooling events in the Mediterranean Sea: air-sea fluxes versus turbulent mixing	Discussions cont.
11:20-11:40	Erwan Brisson (CNRM) What can we do with 10-year simulations?	Laurent Li (LMD): Modelling Mediterranean ocean convection and sapropel formation.	Claudia Gutierrez (UCLM) : Photovoltaic energy losses due to atmospheric aerosols over the Mediterranean area.
11:40-12:00	Antoine Doury (CNRM) Statistical emulators of regional climate models	Natalija Dunic (IZOR): The BIOS in the present and the future climates	Pierre Nabat (CNRM) : Multi-model analysis of the protocol 1B simulations

12:00-12:20	Klaus Goergen (JSC): A first look at a novel Python-based big data-capable analytics toolkit, HeAT	Nicolas Gonzalez (CNRM): Toward a parameterization of internal tidal mixing in Mediterranean sea models	Discussions: follow-up protocol 1A & 1B, future analyses, publications, plans for 2020-21 (Marc Mallet)
12:20-14:00	<i>Lunch break</i>		
14:00-14:30	Discussion: Observations and evaluation analyses	Gabriel Jordà (IEO). Open questions for ocean modelling: Spin up, mesoscale and uncertainties	Discussions cont.
14:30-15:00	Discussion: Data handling and syntax (e.g. DRS, regriding, file naming)	Discussions	Thomas Drugé (CNRM) : Future Euro-Mediterranean climate sensitivity to anthropogenic aerosols
15:00-15:30	Discussion: plans for 2020-21 (including analyses themes)	Discussions	Discussions: follow-up protocol 2C, future analyses, publications, plans for 2020-21 (Marc Mallet, Fabien Solmon, Pierre Nabat)
15:30-16:00	Discussion: beyond 2021, the future of the FPS	Discussions	Discussions cont.
16:00-16:30	<i>Coffee break</i>		
16:30-17:00	Wrap up discussions from previous block if necessary. Continue discussion either in working groups or plenary around papers in prep for the IPCC deadline.	Discussions	Discussion: The future of the FPS
17:00-17:30	cont.	FPS-airsea / FPS-aerosol discussion (to be confirmed)	FPS-airsea / FPS-aerosol discussion (to be confirmed)
17:30-18:00	cont.	FPS-airsea / FPS-aerosol discussion (to be confirmed)	FPS-airsea / FPS-aerosol discussion (to be confirmed)
18:00-19:30	Meeting of the Med-CORDEX Steering Committee + session leaders (on invitation only)		
20:00 - Workshop Dinner, Toulouse downtown, Restaurant <i>La Cendrée</i>, 11 Rue des Tourneurs, 31000 Toulouse			

Thursday 28th November 2019	
09:00-18:00	Med-CORDEX workshop, plenary session
09:00-09:40	Rendering from the 3 FPS parallel sessions incl. CMOR, format, data sharing, cross-FPS activity (5min / FPS + discussion)
09:40-10:15	Discussion on internal communication and organisation of Med-CORDEX (web, email, wiki, steering committee, ...) [Gabriel Jordà]
10:15-10:30	Angélique Melet (CMEMS): CMEMS multi-year products for the Mediterranean Sea: current status and future evolution (Invited speaker)
<i>10:30-11:00</i>	<i>Coffee break</i>
11:00-10:05	Bodo Ahrens (GUF): Introduction to the session "Baseline" : objectives, protocol, model and run status, common studies
11:05-11:25	Javier Soto-Navarro (IMEDEA): Evolution of Mediterranean Sea water properties under climate change scenarios in the Med-CORDEX ensemble
11:25-11:45	Marco Reale (OGS): Extreme synoptic patterns and biogeochemistry in the Mediterranean region
11:45-12:45	Discussion (Baseline): common articles, run protocol, data sharing, data policy, data format, database [Samuel Somot]
<i>12:45-14:00</i>	<i>Lunch break</i>
14:00-14:15	François Dulac (LSCE) on behalf of the MedCLIVAR Steering committee: Med-CLIVAR and its relationship with Med-CORDEX
14:15-14:30	Georgios Zittis (CYI) Mediterranean regional climate projections based on EURO-CORDEX simulations
14:30-14:45	Joel Guiot (MedECC) The first Mediterranean assessment report of MedECC, focus on the climate impacts (Invited speaker)
14:45-15:00	Anca Brookshaw (C3S), Andras Horanyi (C3S), Erik Kjellström (SMHI on behalf of C3S): Climate projections from C3S (Invited speaker, remote)
15:00-16:00	Discussion: How to organize/strengthen the links between Med-CORDEX and the "rest of the world" (global modelling community, WCRP Grand Challenges, Med-CLIVAR, other CORDEX domains, TEAMx field campaign, IPCC, MedECC, C3S, CMEMS, Med-CORDEX data users including impact studies) [Erika Coppola, Samuel Somot]
<i>16:00-16:30</i>	<i>Coffee break</i>
16:30-16:45	Samuel Somot (CNRM) Quick overview of the Free Modelling Zone activities + room discussion
16:45-18:00	Discussions on the future of Med-CORDEX (new FPS, new protocols within FPS, publications, organisation, funding after MISTRALS, relation to new CORDEX) [Fabien Solmon, Med-CORDEX SC]

Friday 29th November 2019	
09:30-17:00	<i>SiMed side event (led by Jonathan Beuvier, restricted to SiMed members)</i>
09:30-09:50	Jonathan Beuvier (MERCATOR) <i>Opening</i>
09:50-10:10	Xavier Durrieu de Madron (CEFREM) or Claude Estournel (LA) <i>PERLE campaigns</i>
10:10-10:30	Discussions
<i>10:30-11:00</i>	<i>Coffee break</i>
11:00-11:20	Valérie Garnier (LOPS) <i>Diags for HR validation (remote)</i>
11:20-11:40	Claude Estournel, Patrick Marsaleix, Caroline Ulses (LA) <i>Variabilité interannuelle de la formation de l'eau intermédiaire levantine et crétoise</i>
11:40-12:00	Bruno Zakardjian (MIO) <i>Fronts in WMED (remote)</i>
12:00-12:30	Discussions
<i>12:30-14:00</i>	<i>Lunch break</i>
14:00-14:20	Cindy Lebeaupin-Brossier, César Sauvage (CNRM) <i>Couplage océan-atmosphère-vagues à échelle kilométrique pour la prévision des épisodes méditerranéens</i>
14:20-14:40	Samuel Somot, Pierre Nabat, Florence Sevault, Robin Waldman (CNRM) <i>Un nouveau jeu de forçage atmosphérique pour la simulation de la mer Méditerranée aux échelles climatiques: ALDERA v2</i>
14:40-16:00	Discussions
<i>16:00-16:30</i>	<i>Coffee break</i>
16:00-17:00	Discussions (cont.)