

1ST CORDEX-WRF Workshop

Hour	Monday, October 1 st	Tuesday, October 2 nd
9:00 - 9:20	REGISTRATION	CORDEX-South America: Overview of on-going activities Silvina Solman , Centro de Investigaciones del Mar y la Atmósfera, Argentina
9:20 - 9:40		
9:40 - 10:00	WELCOME	Dinamical Downscaling of the atmospheric and oceanic circulation at the Peru coast for IPSL-CM4 climate scenarios Véra Oerder , Univ. Pierre et Marie Curie, France
10:00 - 10:20		Sensitivity of the atmospheric circulation in the Intra-Americas Seas region to the Caribbean upwelling. Sarah Bert het , Univ. Pierre et Marie Curie, France
10:20 - 10:40	CORWES: a coordinated contribution to CORDEX by the Spanish WRF community. Jesús Fernández , Santander Meteorology Group, University of Santander, Spain	DRIHM and EXPRESS-HYDRO projects Antonio Parodi , CIMA Research Foundation, Italy
10:40 - 11:00		
11:00 - 11:30	COFFEE BREAK	COFFEE BREAK
11:30 - 11:50	Coordination of the Cordex Africa Analysis initiative and preliminary results Chris Lennard , Climate Systems Analysis Group, University of Cape Town, South Africa	Experiences with WRF in EURO-CORDEX Kirsten Warrach-Sagi , Uni. Hohemheim, Institut fuer Physik und Meteorologie, Stuttgart, Germany
11:50 - 12:10		
12:10 - 12:30	Predictability of Off Season rain Extreme Events over Western Africa: Assessing WRF simulation of 2002 case over Senegal. Abdoulaye Sarr , Agence Nationale de la Météorologie Senegal	The WRF-CORDEX initiative in France: simulations, problems and on-going work Emmanouil Flaounas , IPSL, Paris, France
12:30 - 12:50	A multi-physics ensemble over the CORDEX-Africa domain Ana Casanueva , Santander Meteorology Group, University of Santander, Spain	Regional Climate Modelling for Ireland using a Representative Carbon Pathways Approach R.F. Teck , Department of Geography, National University of Ireland, Ireland
12:50 - 13:10	Cloud climatology in Africa-CORDEX domain from CMIP5 models and WRF. Albano González , GOTa, University of La Laguna, Spain	EURO-CORDEX regional climate simulations: Hindcast 1990-2008 Eleni Katragkou , Department of Meteorology and Climatology, Aristotle University of Thessaloniki, Greece
13:10 - 13:30	Presentation of the groups. All attendants not presenting a communication in the workshop are encouraged to briefly (5 min. máx) present her/his group. And provide a short report of status and plans in relation to CORDEX-WRF.	Exploring WRF configuration sensitivity over the Euro-CORDEX domain Markel García , Santander Meteorology Group, University of Santander, Spain
13:30-15:00	LUNCH	LUNCH
15:00 - 15:20	Dynamical downscaling of regional climate for Pacific Islands Yuqing Wang , IPRC/SOEST, University of Hawaii at Manoa, Honolulu, U.S.A.	Assessment of the WRF topographic parameterization for the surface wind speed over Spain Raquel Lorente , Universidad de Murcia, Spain
15:20 - 15:40		Coupling of WRF to a regional ocean model for climate applications Pedro Jiménez , Universidad de Murcia, Spain
15:40 - 16:00	NARCIIM: NSW ACT Regional Climate Modelling project. Luis Fita , Climate Change Research Centre, University of New South Wales, Sydney, Australia	Dynamical downscaling in the Eastern Mediterranean and the Middle East using PRECIS Regional Climate Model Energy George Zittis , Environment and Water Research Center, Cyprus
16:00 - 16:20		Discussion: Coordination of the groups Motivation topics: * Potential studies (with the goal of writing a paper) * Sharing tools * Developing new tools in common
16:20 - 16:40	CMIP5 GCM evaluation over several CORDEX domains: a downscaling perspective Jesús Fernández , Santander Meteorology Group, Spain	
16:40 - 17:00	WRF simulations of water vapor in orographically complex terrains (Canary Islands). Juan C. Pérez , GOTa, University of La Laguna, Spain	
17:00 - 17:30	COFFEE BREAK	
17:30 - 17:50	Discussion session for the coordination of the different CORDEX domains Motivation topics: * GCM access	
17:50 - 18:10	* Fill the matrix (small GCM set?) * Small number of configuration sets? Ensemble of opportunity? * Validation data sets	
18:10 - 18:30	* Postprocessing tools	
18:30 - 18:50		
18:50 - 19:10		Visit to San Cristóbal de La Laguna (UNESCO World Heritage Center)

Wednesday, October 3rd

9:00-19:00	On Wednesday, the Island Government (Cabildo de Tenerife, http://www.tenerife.es) offers a visit to the Institute of Technology and Renewable Energies (http://www.iter.es/index.php) and a tour around the island including a visit to the Teide National Park (http://reddepa.rjesna.ciora.es/mma.es/en/pa.rjes/teide/index.htm). WRF discussion and collaboration in a relaxed manner during the trip is encouraged ;-)
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1-5 FIRST CORDEX WRF workshop & CORWES/WRF4G hands-on tutorial
OCTOBER '12

University of La Laguna
Tenerife, Canary Islands



CORWES/WRF4G Hands-on Tutorial

Hour	Thursday, October 4 th
09:00 - 09:30	1.- WRF4G
09:30 - 10:00	* Introduction * Basics: components & deployment * Run basic examples
10:00 - 10:30	
10:30 - 11:00	
11:00 - 11:30	COFFEE BREAK
11:30 - 12:00	2.- WRF4G
12:00 - 12:30	* Monitoring & debug * Add multiple computing resources * Customizing boundary data pre-processors
12:30 - 13:00	
13:00 - 13:30	
13:30 - 14:00	
14:00 - 14:30	LUNCH
14:30 - 15:00	
15:00 - 15:30	3.- CLWRF
15:30 - 16:00	* Introduction * Using CLWRF
16:00 - 16:30	
16:30 - 17:00	
17:00 - 17:30	COFFEE BREAK
17:30 - 18:00	4.- Modifying the (CL)WRF code
18:00 - 18:30	* Adding a new averaged variable * Adding a sounding * Using RCP4.5 GHG concentrations
18:30 - 19:00	
19:00 - 19:30	

Hour	Friday, October 5 th
09:00 - 09:30	4.- Post-processing WRF output files
09:30 - 10:00	* p_interp (modified) * Customizing WRF4G post-processors
10:00 - 10:30	
10:30 - 11:00	
11:00 - 11:30	COFFEE BREAK
11:30 - 12:00	5.- Post-processing WRF output files
12:00 - 12:30	* WRF NetCDF eXtract aNd Join
12:30 - 13:00	
13:00 - 13:30	
13:30 - 14:00	
14:00 - 14:30	LUNCH
14:30 - 15:00	
15:00 - 15:30	Contributed tools
15:30 - 16:00	
16:00 - 16:30	
16:30 - 17:00	
17:00 - 17:30	COFFEE BREAK

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