

# Ninth Meeting of the SBSTA Research Dialogue<sup>1</sup>

SBSTA 46

Wednesday 10th May 2017

**15:00–18:00**, Room Genf, WCCB

preceded by poster session

**13:15–14:45**, WCCB Foyer

## Agenda

15:00– 18:00	<b>Dialogue</b> Chaired by Carlos Fuller, SBSTA Chair	
15:00	<b>Carlos Fuller</b> SBSTA Chair	Welcome and opening remarks
	Keynote presentations	
	<b>David Carlson</b> World Climate Research Programme (WCRP)	WCRP Action on Urgent Climate Challenges: Research and Modeling
	<b>Chris Rapley</b> University College London, UK	Communicating Climate Changed. Why so toxic?
15:30	<b>Theme 1: Regional climate research data and information, and gaps</b>	
	<b>Andre Kamga Foamouhoue</b> African Centre for Meteorological Applications for Development (ACMAD)	WMO Global to regional climate services for better climate change adaptation and risk management
	<b>Discussion and Q&amp;A</b> <ul style="list-style-type: none"><li>- Including short statements from experts on their posters (see below)</li><li>- Response by Mr. Adao Barbosa, Least Developed Countries Expert Group (LEG)</li></ul>	
16:50	<b>Theme 2: Science to take stock and assess progress on mitigation</b>	
	<b>Jim Skea</b> Working Group III of the Intergovernmental Panel on Climate Change (IPCC)	Mitigation pathways and sustainability in the context of the Paris Agreement
	<b>Discussion and Q&amp;A</b> <ul style="list-style-type: none"><li>- Including short statements from experts on their posters (see below)</li></ul>	
17:55	Close of meeting by the SBSTA Chair	

<sup>1</sup> <http://unfccc.int/10154>

## Posters

13:15– 14.45	<b>Poster session</b>	
	<b>Theme 1: Regional climate research data and information, and gaps</b>	
	Presenter	Poster Title
	<b>David Carlson</b> WCRP	The WCRP Grand Challenge on Understanding and Predicting Weather and Climate Extremes
	<b>David Carlson</b> WCRP	Regional Climate Downscaling through Arctic-CORDEX
	<b>David Carlson</b> WCRP	The EURO-CORDEX initiative: A new generation of regional climate scenarios for Europe
	<b>Regional Climate Centres:</b>	
	<b>Andre Kamga Foamouhoue</b> ACMAD	Africa needs to rehabilitate the observation network
	<b>Andre Kamga Foamouhoue</b> ACMAD	Prevention, preparation and response to disaster using climate outlooks
	<b>Andre Kamga Foamouhoue</b> ACMAD	Climate services for meningitis epidemic surveillance and control in Niger
	<b>Zhiqiang Gong</b> Beijing Climate Center (BCC)	Climate Activities and Services in Beijing Climate Center
	<b>Juan José Nieto</b> Centro Internacional para la Investigación del Fenómeno de El Niño (CIIFEN)	Climate research gaps and opportunities to support risk management and adaptation in Latin American countries
	<b>Stefan Rösner</b> RAVI Regional Climate Centre Offenbach Node on Climate Monitoring	The WMO RAVI Regional Climate Centre Network
	<b>Morten Skovgaard Olsen</b> Arctic Monitoring and Assessment Programme (AMAP)	Recent findings of the “Snow, Water, Ice and Permafrost in the Arctic 2017 assessment”
	<b>Andrew Matthews</b> Asia Pacific Network for Global Change Research (APN)	Measure to Manage: A view from the Asia-Pacific
	<b>Ulric Trotz</b> Caribbean Community Climate Change Centre (CCCCC)	Decision making and Adaptation Planning decision support tools for the Caribbean
	<b>Hugo ZUNKER</b> European Commission	Copernicus Climate Change Service – Developing drought, pest impact and phenological indicators for potential adaptation anywhere in the World
	<b>Thorsten Kiefer</b> Future Earth	Regional effects of air pollution, disaster risk, and urban climate change

	<b>Simon Eggleston</b> Global Climate Observing System (GCOS)	Systematic observations: from global systems to local information
	<b>Simon Eggleston</b> Global Climate Observing System (GCOS)	Contribute to improving systematic observations: capacity development through the GCOS Cooperation Mechanism
	<b>Stefan Rösner</b> on behalf of the Group on Earth Observations (GEO)	Open Earth observation data for regional climate research, mitigation and adaptation decision making
	<b>Atsuya Kinoshita</b> Japan	Gap Filling through Collaborative Researches Using Non-Hydrostatic Regional Climate Model (NHRCM) and the Tokyo Climate Center (WMO Regional Climate Center)
	<b>Koji Dairaku</b> Japan	Regional climate downscaling for risk information - Establishment of the CORDEX Asia Empirical-Statistical Downscaling (ESD) Group
	<b>Sara Purca and Ione Anderson</b> Inter-American Institute for Global Change Research (IAI)	The impact of 2015-2017 El Niño on the regional ocean variability off Peru: A case study
	<b>Hans-Jürgen Panitz</b> Karlsruhe Institute of Technology (KIT)	Added value of regional downscaling with COSMO-CLM in the context of CORDEX-Africa
	<b>Jacob Schewe</b> Potsdam Institute for Climate Impact Research (PIK)	ISIPedia - the climate impacts encyclopedia: presenting the upcoming 3rd phase of ISIMIP which includes regionalized evaluation and climate impacts information across sectors
	<b>Jacob Schewe</b> Potsdam Institute for Climate Impact Research (PIK)	Regional impacts of climate change on hydrology: a model inter-comparison
	<b>Ge Verver</b> Royal Netherlands Meteorological Institute (KNMI)	RCC developments and the CREWS initiative
	<b>Espen Ronneberg</b> Secretariat of the Pacific Regional Environment Programme (SPREP)	Combining Traditional Knowledge and Meteorological Forecasts in the Pacific to Increase Community Resilience to Extreme Climatic Events
	<b>Ralf Döscher</b> Swedish Meteorological and Hydrological Institute (SMHI)	Regional projections of global climate change for local adaptation response
	<b>Christiana Olusegun</b> KIT <b>Andreas Hirner and Christiane Leuchtenböcker</b> German Aerospace Center (DLR)	WASCAL – West African Climate Service Center on Climate Change and Adapted Land Use. Regional Climate and Land Surface Information and Services
	<b>Stuart Goldstraw</b> UK MetOffice	Long-Term Observing Stations are a critical part of the climate puzzle
	<b>Joachim Post</b> UN Space-based information for emergency and disaster response (UN-SPIDER)	UNISPACE+50 and its Thematic Priority “International Cooperation Towards Low-emission and Resilient Societies”: Role of Space Research and Technology

<b>Theme 2: Science to take stock and assess progress on mitigation</b>		
	<b>David Carlson</b> WCRP	Updated Scenario Planning and Current Schedules for CMIP6
	<b>Matthias Tuma</b> WCRP	WCRP activities on decadal climate prediction
	<b>Glen Peters</b> Center for International Climate Research (CICERO)	Key indicators to track current progress and future ambition of the Paris Agreement
	<b>Rosa Maria Roman Cuesta</b> Center for International Forestry Research (CIFOR)	Identifying AFOLU emission hotspots in the tropics: where are they, how uncertain are they, and what can be done about it?
	<b>Richard Millar</b> University of Exeter and Environmental Change Institute, University of Oxford	Human-induced warming to date and implications for outstanding carbon budgets for 1.5°C
	<b>Thorsten Kiefer</b> Future Earth	Carbon budgets, historic baselines, and agricultural contribution to climate mitigation
	<b>Henri Waisman</b> Institute for Sustainable Development and International Relations (IDDRI)	Country-driven mid-century low-emission development strategies – Methods and insights from the Deep Decarbonization Pathways Project (DDPP)
	<b>Joeri Rogelj</b> International Institute for Applied Systems Analysis (IIASA)	An update on the process of creating a very low emission scenario for climate change research
	<b>Joeri Rogelj</b> IIASA	Understanding the origin of Paris Agreement emission uncertainties
	<b>Volker Krey</b> IIASA	An overview of new work on climate and development linkages from the CD-LINKS project
	<b>Tomohiro Hajima</b> Japan	Earth system modelling to contribute to the Paris Agreement in the Integrated Climate Model Advanced Research Program
	<b>Shamil Maksyutov</b> Japan	Contribution to the Paris Agreement using space-based GHG monitoring
	<b>Tommi Ekhholm</b> VTT Technical Research Centre of Finland	Mitigation strategy under uncertainty and learning on climate sensitivity and damages
	<b>Amir Delju</b> World Meteorological Organization (WMO)	Understanding Changes in Climate (in support of the Global Stocktake)