



ADVANCING CLIMATE SCIENCE FOR A SUSTAINABLE FUTURE

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PROGRAMME
as of 22 June 2023



**WORLD CLIMATE
RESEARCH PROGRAMME**
**OPEN SCIENCE
CONFERENCE**

23 - 27 OCT. 2023 | RWANDA



**International
Science Council**
The global voice for science

Day 1: Monday 23 October

Time	Session	Room	Description
8:30 - 10:00	Plenary in the Dome	DOME	<p>Opening of the Conference <u>Chair/Moderator: Detlef Stammer and Helen Cleugh (Conference Chairs)</u></p> <p>Welcome</p> <ul style="list-style-type: none"> • Helen Cleugh (Co-Chair of SOC): Welcome from WCRP to the Open Science Conference • Keynote speaker (TBC): Welcoming remarks from Rwanda Host • Amina Mohammed (TBC) (Deputy Secretary-General of the United Nations and Chair of the United Nations Sustainable Development Group): Opening Remarks • Detlef Stammer (WCRP Chair): Climate change: A Challenge for the World <p>The Urgent Need for Climate Action</p> <ul style="list-style-type: none"> • Amb. Macharia Kamau (CBS, Principal Secretary in the Ministry of Foreign Affairs, Kenya): Sustainable development goals perspective • Lina Yassin (Researcher, Climate Science, International Institute for Environment and Development): Title to be confirmed • Guy Brasseur (Former WCRP Chair): Future of Climate Science <p>WCRP Open Science Conference Overview - (Conference Chairs)</p>
10:00 - 10:30	Break		Tea and coffee break
10:30 - 12:30	5 Parallel Sessions	DOME	<p>S15: Water cycle <u>Convenors: Moussa Diakhaté, Jan Polcher, Dewi Kirono, Marie-Amélie Boucher</u></p> <ul style="list-style-type: none"> • Hervé Douville (Keynote) - Remotely: Water remains a blind spot in climate change policies • Sujay Kumar (Keynote): Two decades of global water cycle variability – non-stationarity assessed by land remote sensing synthesis • Julie Collignan - Method to identify and quantify the effect of climatic and non-climatic drivers on river discharge in Europe • Isla Simpson: A global discrepancy between models and observations in atmospheric humidity trends over arid and semi-arid regions • Morgane Lalonde: Is the urban effect on precipitation significant? • Xinyang Fan: Groundwater depletion in Australia due to climate change • Ansoumana Bodian: Contribution of satellite data for the knowledge of water resources in West Africa • Dionisio Pérez-Blanco: Socio-ecological ensemble forecasting. Insightful results from complex human-water system

		MH1	<p>S01: Climate variability on timescales from weeks to centuries and millennia <u>Convenors: Mat Collins, Lisa Alexander and Nicola Maher</u></p> <ul style="list-style-type: none"> • Marisol Osman (Keynote): Exploiting large ensembles to understand the combined influence of ENSO and other climate drivers on the Southern Hemisphere extratropical circulation • Julie Arblaster (Keynote): Tropical to extratropical interactions • Masa Kageyama (Keynote): Using past climate information and simulations can help projecting future climates • Samson Hagos: East African monsoon as a drawbridge for the circumnavigation of Madden-Julian oscillation events • Audryck Nzeudeu Siwe: Study of the impact of intraseasonal oscillations on water vapor transport in Central Africa: the case of 25/70 day oscillations • Jin-Yi Yu: The 21st-Century ENSO: Its changing properties, dynamics, and impacts • Bellinda Mashoene Monyela: The impact of El Nino Southern Oscillation on southern Africa rainfall: The potential role of Walker Circulation • Isma Abdelkader Di Carlo: Holocene evolution of the tropical variability at interannual scale and the evolution of the mean climate in the Pacific Ocean • S. Anjana: Role of oceanic internal instability in the generation of low-frequency variability in the Indian Ocean
		MH2	<p>S29: Regional information – Constructed for climate services <u>Convenors: Elisabeth Thompson and Alexander Ruane</u></p> <ul style="list-style-type: none"> • Carlo Buontempo (Keynote): On the operationalisation of climate services -The experience of the Copernicus Climate Change Service (C3S) and the potential of Destination Earth (DestinE) • Lisa Alexander (Keynote): Climate information for climate action: the important role of scientific research • Bethany Elis: A climate impact assessment framework for primary industries • Erik Kolstad: Co-production of climate information in the Climate Futures centre for research-based innovation • Amy Doherty: Assessing regional climate risks in Africa and Asia: a case study of interdisciplinary integration and knowledge sharing • Hideki Kanamaru: FAO-CAVA: a user-driven platform for global agricultural adaptation action
		MH3	<p>S24: Attribution of changes <u>Convenors: Izidine Pinto, Sarah Perkins-Kirkpatrick and Joyce Kimutai</u></p> <ul style="list-style-type: none"> • Mark New (Keynote): Attribution of Socio-economic Impacts of Extreme Events: Challenges and Opportunities • Friederike Otto (Keynote): Challenges and opportunities in rapid event attribution • Laurent Terray: Dynamical adjustment of extreme events: from attribution of extremes and their long-term changes to storylines • François Engelbrecht: Climate change and the Durban floods: the need for attribution science in the Global South • Samantha Burgess: Extreme event attribution protocols for a climate service • David Benson: Developing NOAA's rapid attribution capability and understanding the causes and mechanisms of extreme events

		MH4	<p>S39: Institutions and frameworks <u>Convenors: Judith Mulwa, Christopher Hewitt, Carlo Buontempo and Madeleine Thomson</u></p> <ul style="list-style-type: none"> • Birgit Hassler: Climate Model Benchmarking for CMIP7 – a CMIP task team • Ardhasena Sopaheluwakan: Progress and challenges of climate services implementation in Indonesia • François Engelbrecht: The WMO Integrated Processing and Prediction System (WIPPS): towards seamless access to Earth System Predictions • Sarah Octenjak : Co-production of a climate service roadmap for smallholder farming communities: a case study of Urok islands in Guinea-Bissau • Jose Manuel Gutierrez: The IPCC AR6 Interactive Atlas and its evolution towards Copernicus • Roger Pulwarty: The Climate Services Information System – Empowering a climate-smart World • Nicola Golding: Developing National Frameworks for Climate Services (NFCSS): requirements, experiences and challenges from across Europe and beyond • Gerlad Guala: Open Science for Climate at NASA
12:30 - 14:00	Lunch session Townhalls, Learning Labs, Workshops	MH2	TH02: Global Precipitation Experiment (GPEX): What is it and How to get involved
		MH1	TH09: Community discussion on balancing data-intensive and other foundational climate research activities
		AD1	WM03: Smart sensors for agri-food and environmental monitoring systems
		AD4	WM04: CGIAR ClimBeR Early Warning Early Action Early Finance (AWARE) Platform initiative
		AD12	CM01: From models to impact – the climate information cascade
		Concourse	GA01: Journey of a Kigali Pixel - Game (Part 1)
14:00 - 16:00	5 Parallel Sessions	DOME	<p>S22: Impacts on human health and urban systems <u>Convenors: Kristie Ebi, Sari Kovats and Negin Nazarian</u></p> <ul style="list-style-type: none"> • Brama Kone (Keynote): Health risks of climate change in the WHO AFRO region - what are our research priorities? • Fei Chen (Keynote): Coordinated research on extreme precipitation in multiple urban systems • Rosa von Borries & Joy Shumake: Climate Services for Health Protection: Global Status and Opportunities • Eniola Olaniyan: Predicting Malaria Hyper Endemic zones in West Africa Using a Regional Scale Dynamical Malaria Model • Malebo Makunyane - Remotely: Effect modification of the association between temperature variability and hospital admissions by season and weather types in Cape Town, South Africa • Lisa van Aardenne: Exploring the synoptic circulation characteristics and evolution associated with heat waves and the associated high human thermal stress in two African cities • Solomon Tesfamariam: Spatio-temporal analysis of urban heat Island (UHI) and its effect on urban ecology: The case of Mekelle city, Northern Ethiopia. • Genito Maure: Testing predictability of malaria outbreaks in Mozambique with Machine Learning
		MH1	<p>S14: Global energy budget <u>Convenors: Sonia Seneviratne and Graeme Stephens</u></p> <ul style="list-style-type: none"> • Piers Forster (Keynote): Effective radiative forcing on climate, building from the IPCC AR6 Assessment • Maria Z. Hakuba (Keynote): Title to be confirmed • Benoit Meyssignac: Trends, variability and uncertainty in Earth's Energy Imbalance over the last two decades • Karina von Schuckmann: Heat stored in the Earth system 1960-2020: Where does the energy go?

			<ul style="list-style-type: none"> • Sandrine Bony: Impact of the mesoscale organization of deep convection on the Earth's Radiation Budget: Observations and Global Cloud Resolving Model Simulations • Ryan Kramer: Using observations of radiative forcing to interpret climate trends • Shiv Priyam Raghuraman: Understanding observed changes in cloud radiative effect using climate and radiation models • Panel discussion: Helen Bridley and Peter Pilewski
		MH2	<p>S02: Climate predictability and prediction <u>Convenors:</u> Willem Landman, June-Yi Lee, Marisol Osman and Noel Keenlyside</p> <ul style="list-style-type: none"> • Debra Hudson (Keynote) - Remotely: S2S research, applications and future challenges: An Australian perspective • Magdalena Balmaseda: Seasonal forecasting in a changing climate: Where are we heading? • Chenghai Wang: Improving seasonal-scale climate prediction by using cold land surface information • Grant Smith: Sea level prediction to prepare for the months ahead – a small island perspective • Luciano Andrian - Remotely: Impacts of the IOD and its combined action with the ENSO on the springtime climate in South America • Patience Mulovhedzi: Advances in model development at the South African Weather Service • Adnan Abid: Predictability of Indian Ocean precipitation and its North Atlantic teleconnections during early winter
		MH3	<p>S37: Regional attribution <u>Convenors:</u> Kamoru Abiodun Lawal, Amadou T. Gaye and Rupert Stuart-Smith</p> <ul style="list-style-type: none"> • André Kamga Foamouhoue (Keynote): Title to be confirmed • Sihan Li (Keynote): Title to be confirmed • Paul-Arthur Monerie: A zonal contrast in future changes in Sahel precipitation • Gabi Hegerl (Keynote): Title to be confirmed • Daithi Stone: The social psychological attribution of event attribution • Douglas Maraun: Challenges in using event storylines for impact attribution. The example of a severe landslide event in Austria • Oluwatosin Akintomide: Assessing Climate Change Detection Indices of Precipitation Over the Nigerian Sahel • Ismaila Diallo: Diagnosis of Drivers and physical processes of extreme wet and dry events over West Africa using RegCM4 multi-model ensemble • Pandora Hope: Adding context – attribution information for climate services
		MH4	<p>S34: Climate services: effectiveness and evaluation <u>Convenors:</u> Andrew Robertson, Anna Steynor and Geneva List</p> <ul style="list-style-type: none"> • Emma Visman (Keynote): Whose values count? The power of principled metrics in shaping investments in climate resilience • Brian Chiputwa (Keynote): A Mixed-methods approaches for evaluating the effectiveness of weather and climate information • Alexia Kioko: Sectoral impact assessment of seasonal rainfall forecast over Greater Horn of Africa • Peter Johnston: Seasonal forecasts may not always be skilful, but they can be useful - an agricultural perspective • Muhammad Abdur Rahaman : Capturing effectiveness of climate information services and sustainable community-based early actions for climate resilience and disaster risk reduction in Bangladesh: An analysis from flood-prone areas • Francisco Doblás-Reyes: Climateurope2: Supporting and standardising climate services in Europe and beyond • Meshel Muzuva: Assessing the effectiveness and evaluation of climate services in banks

16:00 - 18:00	Posters & Refreshments		Live poster session at KCC
16:30-17:30	Sponsors Platform		<ul style="list-style-type: none"> • Jack A. Kaye (<i>NASA HQ Earth Science Division</i>): How Space-Based Observations Advance our Knowledge of a Changing Earth and Inform Action
18:00 - 18:45	Plenary in the Dome Evening dialogue		<p>The needs of, and opportunities for the Global South <u>Chair/Moderator: Juliet Kabera</u> (<i>Director General, Rwanda Environmental Management Authority</i>)</p> <ul style="list-style-type: none"> • Barend Erasmuc (<i>Dean of the University of Pretoria's Faculty of Natural/Agricultural Sciences</i>) • Carlos Nobre (<i>Earth System scientist</i>)
From 18:45	Free time		Dining, networking, socializing
20:00 - 22:00	Evening Session Townhalls, Learning Labs, Workshops	AD1	LL02: Open Earth System Science in Cloud (starts at 19:00)
		AD4	LL03: Journey of a Kigali Pixel – Masterclass
		MH4	LL04: CMIP and CORDEX analysis and evaluation tools
		MH2	TH03: Early-mid career perspectives on South-North inequalities: fair collaborative research as a way of reducing them
		MH1	TH04: Schmidt Futures Virtual Earth Systems Research Institute Short talk Series
		MH3	WM05: Open Science and Peer Review- Towards a Stronger Evidence Base
		AD12	CM03: Climate data mixer

Day 2: Tuesday 24 October

Time	Session	Room	Description
8:30 - 10:00	Plenary in the Dome	DOME	<p>Human Interactions with Climate - Climate Change and Society <u>Chair/Moderator: Heide Hackman</u> (Director of Future Africa and Strategic Advisor on Transdisciplinarity and Global Knowledge Networks at the University of Pretoria, South Africa)</p> <ul style="list-style-type: none"> • Tasneem Essop (Executive Director, Climate Action Network) - <u>Remotely</u>: How to deal with climate extremes, especially in terms of inequality and climate injustice • Saleemul Huq (Director International Center for Climate Change and Development, Independent University Bangladesh) - <u>Remotely</u>: Attribution of climate change, especially in the Global South and in support of Loss and Damage • Lidia Brito (TBC) (Head of UNESCO for Sub-Saharan Africa): What are the barriers for science to be influential? <p>Panel discussion: Human Interactions with Climate - a dialogue covering behavioral, social, economic and political dimensions <u>Chair/Moderator: Mercedes Bustamante</u> (University of Brasilia, Brazil)</p> <ul style="list-style-type: none"> • Laurice Jamero (Climate Change, Adaptation and Resilience Expert, Manila Observatory and Asia Foundation Development Fellow)
10:00 - 10:30	Break		Tea and coffee break
10:30 - 12:30	5 Parallel Sessions	DOME	<p>S06: Rapid and/or irreversible changes in the climate system <u>Convenors: Thomas Stocker, Kathrin Meissner and Krishna Achuta Rao</u></p> <ul style="list-style-type: none"> • Soon-Il An (Keynote): Hysteresis and irreversibility in a climate system • Anastasia Romanou (Keynote) : The role of internal variability and feedbacks controlling AMOC stability • Niklas Boers (Keynote): Title to be confirmed • Katinka Bellomo: Influence of the Atlantic Meridional Overturning Circulation on future climate change impacts • Chao Li: The stability of Atlantic Meridional Overturning Circulation and its impact on climate reversibility in a future warm climate • Selma Bultan: Disentangling the contribution of environmental stress and land-use to abrupt Amazon rainforest dieback events • Reyk Börner: Predicting most probable transition paths of the Atlantic Meridional Overturning Circulation • Frank Kwasniok: Data-driven anticipation and prediction of Atlantic Meridional Overturning Circulation collapse using non-stationary spatiotemporal dynamical modelling

Time	Session	Room	Description
		MH1	<p>S13: Carbon cycle <u>Convenors:</u> Galen McKinley, Pedro Monteiro and Ana Bastos</p> <ul style="list-style-type: none"> • Pep Canadell (Keynote): Title to be confirmed • Kirsten Zickfeld (Keynote): Investigating the carbon cycle response in low emissions scenarios • Junjie Liu (Keynote): Detecting the impact of extreme climate events on terrestrial biosphere carbon cycle from space • Precious Mongwe (Keynote): Regime change in the mechanism of CO₂ uptake in the Southern Ocean under high emission scenario • Pierre Friedlingstein: The CO₂ fertilization strength and the ecosystem turnover time are the key controls of the magnitude of the global land carbon sink. • Liudmila Mukhortova: Permafrost effect on soil organic carbon in boreal forests of Central Siberia • Yiqi Luo: Efficacy of terrestrial carbon dioxide removal from the atmosphere • Lydia Keppler: Mapped Observation-Based Oceanic Dissolved Inorganic Carbon (MOBO-DIC): Recent trends and variability • Damien Couespel: Re-emergence of anthropogenic carbon from the ocean • Matt Long: Quantifying marine carbon dioxide removal
		MH2	<p>S40: Lessons from failures <u>Convenor:</u> Bruce Hewitson</p> <ul style="list-style-type: none"> • Bruce Hewitson (Keynote): F(r)iction and Friendship: partnerships in Africa between the global north and south • Oratilwe Khoza (Keynote): International best practices for climate risk resilience in African developing countries • Ryan O’Loughlin: The value of error and failure in climate modeling: a philosophical perspective • Maria Inez Angela Z. Ponce De Leon: The disconnect between plans and practice: case studies in risk communication for extreme rainfall and flooding events • Gilbert Siame: Avoiding maladaptation in cities by bridging climate science and mundane urban climate risk drivers in Africa
		MH3	<p>S21: Impacts on food security and water availability <u>Convenors:</u> Chris Lennard, Elisabeth Vogel and Addisu Semie</p> <ul style="list-style-type: none"> • Chris Funk (Keynote): Title to be confirmed • Arame Tall (Keynote): Title to be confirmed • Alexander Ruane (Keynote): Non-linear climate change impacts on crop yields may misinform stakeholders • Jonas Jaegermeyr: Climate change impacts on global crop productivity and its nutritional value • Katharina Waha: Climate variability, droughts, and temporal yield stability in Ethiopia. • Liz Mung’atia: The triple nexus of climate, food and water • Sunil Bista: Appraising the impact of climate change on irrigation water requirement, ground water recharge and crop yield in the rainfed river basin

Time	Session	Room	Description
		MH4	<p>S11: Advances in global and regional climate modelling <u>Convenors: Bjorn Stevens, Ruby Leung and Tianjun Zhou</u></p> <ul style="list-style-type: none"> • François Engelbrecht (Keynote): An African-based Earth System model: verification of land-atmosphere fluxes • Veronika Eyring (Keynote): Improving Earth System Model Parametrizations with Machine Learning • Nicolas Gruber (Keynote): Toward a Python-based computing and data platform for kilometer-scale weather and climate modeling • Laura Zanna: Climate Modeling with Machine Learning: Hype or Reality? • Silvina Solman: On the ability of convection permitting models to capture the urban-rural contrasts over selected cities in South America • Amrapalli Garanaik: Improving ocean turbulence in climate models: A new scheme for upper-ocean vertical mixing • Steven Sherwood: A pre-training strategy to advance model parameterization via machine learning • Christopher Lennard: Regional climate modelling in developing nations - can we look to the clouds?
12:30 - 14:00	Lunch session Townhalls, Learning Labs, Workshops	AD1	TH05: Improved Climate Information for Eastern and Southern Africa
		MH1	TH06: Addressing barriers to a diverse and inclusive climate modelling community
		MH2	TH11: Celebrating an Earth Systems Science Pioneer – Professor Will Steffen. A session to honour Will’s scientific and broader legacy to Earth System Science
		AD4	WM07: New economic appraisal methods for decision-making on climate and environmental policies
		AD12	CM02: Strengthening the observational-modelling interface to meet emerging scientific needs critical to our understanding of climate change
14:00 - 16:00	5 Parallel Sessions	DOME	<p>S12: Advances in climate observations and model-data fusion <u>Convenors: Toste Tanua, Magdalena Balmaseda and Juan Ruiz</u></p> <ul style="list-style-type: none"> • Galen McKinley (Keynote): Constraining historical ocean carbon uptake with models, machine learning and data • Lars Peter Riishojgaard (Keynote): Internationally coordinated, top-down global greenhouse gas monitoring • Sylvia Ampadu: Investigating the Interaction between Tropical Convection and Atmospheric Gravity Waves over West Africa. • Dharmaveer Singh: Integration of CMIP6-GCMs with AI-based Model for Assessing Impact of Future Climate Change on Streamflow Pattern in a Hilly Catchment • Nabir Mamnun: Learning from spatiotemporal varying biogeochemical parameter estimation • Jerry Tjiputra: Optimized future observing network to detect early oceanic changes as inferred from models • Toste Tanhua: Ocean Observing needs for climate • Reagan Okoth: Estimating soil temperature with high-resolution synthetic images: a remote sensing data fusion approach • Andrea Steiner: Monitoring atmospheric climate change - Advances with GNSS radio occultation • Tomas Lugaro: A Comparative Analysis of Satellite Wind Data and Observations from Argentina's Station Network

Time	Session	Room	Description
		MH1	<p>S17: Climate feedbacks and climate sensitivity <u>Convenors: Sandrine Bony, Steven Sherwood and Masahiro Watanabe</u></p> <ul style="list-style-type: none"> • Nadir Jeevanjee (<i>Keynote</i>): Recent advances in understanding the longwave clear-sky feedback • Adrian Tompkins (<i>Keynote</i>): Title to be confirmed • Trude Storelvmo (<i>Keynote</i>): Title to be confirmed • Brett McKim: Constraining the tropical anvil cloud area feedback • Chen Zhou - <u>Remotely</u>: Explaining forcing efficacy with pattern effect and state dependence • Cecile Hannay: Evaluating the robustness of equilibrium climate sensitivity estimates to ocean heat fluxes in the CESM Slab Ocean Model • Kalli Furtado: The relationship between the present-day seasonal cycle and projected cloud feedback in a climate-model ensemble
		MH2	<p>S38: Connecting regional impacts and climate information <u>Convenors: Franck Eitel Ghomsj, Yong Luo and Ángel G. Muñoz</u></p> <ul style="list-style-type: none"> • Janet Sprintall (<i>Keynote</i>): COVID Impacts Cause Critical Gaps in the Indian Ocean Observing System • Paska Ajok: The impact of the 2020-2021 rising water levels in Uganda’s major lakes and lesson learnt, A case study of Lake Kyoga and Albert. • Tidiani Sanogo: Drought impacts on pastoral resources and agro-pastoral communities’ responses strategies in the District of Bougouni, southwest of Mali, West Africa • Abul Kalam Azad: Differentiated impacts of climate change-triggered events on social inequality and equity in Bangladesh: a case of Sunamganj communities • Prakash C. Tiwari: Regional transboundary river basin climate information system in Himalaya for water, food and energy sustainability in South Asia under climate change • Melissa Ouya: Enhancing climate information uptake at the community level through participatory scenario planning • Matthias Trapp: LoWaPIS Rwanda: Localised Weather and Pest Information System for Late Blight Disease by using different scalable technologies in selected areas of Rwanda • Salma Tabassum & Fahim Asikullah: The Consequences of climate change on the agricultural revenue of indigenous people: A Focus on the adverse effects of teak plantation on soil • Olivier Crespo: Constructing and assessing southern and southeast Asian drought triggers for Anticipatory Action • Ángel G. Muñoz: Enabling ecosystems of climate services to increase resilience: Examples in Central America

Time	Session	Room	Description
		MH3	<p>S19: Land use and land cover change <u>Convenors: Julia Pongratz, Anna Ukkola and David Lawrence</u></p> <ul style="list-style-type: none"> • Wim Thiery (Keynote): Anthropizing CESM's terrestrial water cycle • Garik Gutman: The land-cover/land-use component in developing an Earth System Digital Twin • Addisu Damtew: Spatial statistical modeling of most systematic land use land cover transitions: Drivers and livelihood implications in Awash Basin, Ethiopia • Kadio Angaman: Economic impacts of land degradation: Evidence from Cote D'Ivoire • Priskilla Heita: Geospatial modelling and monitoring of land use land cover change for human unplanned settlements in Windhoek Namibia from 1990 to 2018 • Lucia Cappelletti: Shallow water table in agricultural plains under rapid land use change: can land surface models capture their dynamics? • Clemens Schwingshackl: Key drivers for uncertainties of CO2 fluxes from land use and land-use change • Petronille Dusingizimana : Agronomic and economic performance of conservation agriculture practices in maize production in Rwanda • Irina Melnikova: How do afforestation and BECCS differ in their impacts on the land carbon cycle and surface climate? • Shruti Nath: TIMBER v0.1: emulating the biogeophysical climate responses to tree cover changes • Ashish Mishra: Land use land cover changes and its implications on extreme heat analysis in Kampala City, Uganda, using multi-spectral satellite data
		MH4	<p>S04: Storms, eddies and jets in the atmosphere and ocean <u>Convenors: Thando Ndarana, Tiffany Shaw and Marcia Zilli</u></p> <ul style="list-style-type: none"> • Sukyoung Lee (Keynote): The role of eddies and jets in shaping the climate • Amanda Maycock (Keynote): Feature-based analysis of the North Atlantic eddy-driven jet stream • Thando Ndarana (Keynote): The dynamics of different types of Rossby wave breaking in the South African domain • Natalia Tilinina: Explosive extratropical cyclones impact on the ocean mixed layer in high resolution ocean model experiments • Andrea Marcheggiani: Diabatic effects on the evolution of stormtracks • Tsholanang Rammopo: Investigating characteristics of finite amplitude Rossby wave packets maturing over the southern African domain • Yohai Kaspi: The role of baroclinic activity in controlling Earth's albedo in the present and future climates
16:00 - 18:00	Posters & Refreshments		Live poster session at KCC
16:30-17:30	Sponsors Platform		

Time	Session	Room	Description
18:00 - 18:45	Plenary in the Dome Evening Dialogue		<p>Perspectives of transformational challenges - an example from Africa <u>Chair/Moderator: Maria Ivanova</u> (<i>Director of the School of Public Policy and urban Affairs; Professor of Public Policy</i>)</p> <ul style="list-style-type: none"> • Sibi Lawson-Marriott (<i>Senior Regional Adviser at World Food Programme Bureau for East and Central Africa</i>)
From 18:45	Free time		Dining, networking, socializing
20:00 - 22:00	Evening Session Townhalls, Learning Labs, Workshops	AD1	LL05: Hands-on Introduction on running the Community Earth System Model (CESM) (starts at 19:00)
		MH3	LL07: How to use Landsat 8 and ArcGIS Pro for analyzing Earth's climate system
		MH1	TH04: Schmidt Futures Virtual Earth Systems Research Institute Short talk Series
		MH4	TH07: CORDEX Africa
		AD4	WM08: Early Career Researchers Network of Networks Workshop on Multidisciplinary Approaches to Climate Change Mitigation
		AD12	Early and Mid-Career Researchers (EMCR) table topics (by invitation only)

Day 3: Wednesday 25 October

Time	Session	Room	Description
8:30 - 10:00	Plenary in the Dome	DOME	<p>Climate Change and Earth System <u>Chair/Moderator: Guy Brasseur (Former WCRP Chair)</u></p> <ul style="list-style-type: none"> • Valérie Masson-Delmotte (Co-Chair IPCC Working Group I): A new agenda for climate research • Jim Hurrell (WCRP JSC and Co-Lead of WCRP Task Team on Climate Intervention): Risks and impacts of climate intervention <p>Panel discussion: The future of climate knowledge assessment <u>Chair/Moderator: Thomas Stocker (Professor of Climate and Environmental Physics, Physics Institute, University of Bern, Switzerland)</u></p> <ul style="list-style-type: none"> • Panmao Zhai (Co-Chair IPCC Working Group I) • Mark Howden (Vice-Chair IPCC Working Group II) - <u>Remotely</u> • Diana Ürge-Vorsatz (Vice-Chair IPCC Working Group III)
10:00 - 10:30	Break		Tea and coffee break
10:30 - 12:30	5 Parallel Sessions	DOME	<p>S26: Mitigation scenarios including overshoot and climate intervention <u>Convenors: Ines Camilloni, Romaric C. Odoulami and Peter Irvine</u></p> <ul style="list-style-type: none"> • Glen Peters (Keynote): Title to be confirmed • Peter Lawrence (Keynote): Developing an Earth System framework integrating Climate Interventions (CDR and SRM) in CESM baseline, mitigation and adaptation scenarios, with fully resolved carbon cycle and stratosphere • David Lawrence: Mitigation through bioenergy expansion versus reforestation yields divergent terrestrial carbon storage and regional climate responses • Yiannis Moustakis: Earth System impacts of the deployment of large-scale land- and ocean-based carbon dioxide removal portfolios • Alice Wells: Identifying climate impacts under different stratospheric aerosol injection strategies • Thierry Fotso-Nguemo: Potential impact of solar radiation management geoengineering on water deficit risk over major central african river basins
		MH1	<p>S16: Ice sheets and sea level change <u>Convenors: William Lipscomb, Petra Langebroek and Natalya Gomez</u></p> <ul style="list-style-type: none"> • Beata Csatho (Keynote): Ice sheet mass change and processes from satellite remote sensing and numerical modeling

Time	Session	Room	Description
			<ul style="list-style-type: none"> • Ted Scambos (<i>Keynote</i>): Thwaites Glacier and ‘doomsday’ I: The nature of the threat, the history, and recent research results • Leilani Henry (<i>Keynote</i>): Thwaites Glacier and ‘doomsday’ II: New field and ship-based field results of ITGC, and the social challenges of remote teams in Antarctica • Donatus Angnuureng (<i>Keynote</i>): Coastal erosion management linked to climate change in West Africa • Lilly Thomas: Observing supraglacial lakes using deep learning and PlanetScope imagery • Amila Ratnayake: Stratigraphic evidence for glacial-interglacial sea-level changes in the Indian Ocean • Franck Ghoms: Contribution of altimetry to the Gulf of Guinea climate resilience due to last-decade sea-level anomaly scenarios • Elisabeth Holland: Signposts for a climate safe landing: Bringing science into practice • Tim Naish: The uncertain future of Antarctica's melting ice: A new research initiative
		MH2	<p>S35: Mind the gap - value of GCMs/ESMs in actionable climate information contexts <u>Convenors: Piotr Wolski, Monica Morrison and Abu Syed</u></p> <ul style="list-style-type: none"> • Ted Shepherd (<i>Keynote</i>): Climate storylines as a way of bridging the gap between model simulations and decision-relevant regional climate information • Daithi Stone (<i>Keynote</i>): Life beyond Planet CMIP • Monica Morrison (<i>Keynote</i>): Title to be confirmed • Christopher Jack: Mind the step: Climate data as a barrier to effective decision making • Mohamed Issa Awal: Investment in agricultural resilience using Decision Making Under Deep Uncertainties • Annarita Mariotti: Envisioning U.S. Climate Predictions and Projections to Meet New Challenges • Leonardo Clarke: Title to be confirmed
		MH3	<p>S18: Current and future forcing, including aerosols and scenarios <u>Convenors: Roland Séférian and Chris Smith</u></p> <ul style="list-style-type: none"> • Piers Forster (<i>Keynote</i>): The importance of annual updates to the IPCC assessment of radiative forcing and other indicators • Sophie Szopa (<i>Keynote</i>): Effects of SLCFs on climate: lessons learned from the IPCC AR6 and perspectives • Bjørn H. Samset (<i>Keynote</i>): Climate responses to regional aerosol emissions: First results from RAMIP • Brian Soden: State-dependence of CO₂ forcing and its implications for climate Sensitivity • Marianne Tronstad Lund: Impact of differences in recent emission inventories on diagnosed regional and global aerosol trends and radiative forcing 1990-2019 • William Collins: Past and future climate forcing from ozone depleting substances • Shradda Dhungel: The role of rapid methane mitigation in reducing future extreme weather events
		MH4	<p>S03: Global and regional monsoons <u>Convenors: Andy Turner, Tereza Cavazos, Suryachandra Rao Anguluri and Paola Andrea Arias Gomez</u></p> <ul style="list-style-type: none"> • Alice Grimm (<i>Keynote</i>): Title to be confirmed • Rondrotiana Barimalala (<i>Keynote</i>): Title to be confirmed • Roxy Mathew Koll (<i>Keynote</i>): Title to be confirmed • Ibrahim Laouali: How well does MPAS simulate the West African monsoon system

Time	Session	Room	Description
			<ul style="list-style-type: none"> • Pascale Braconnot: Monsoon trend and multi-scale variability changes over the last 6000 years • Nirupam Karmakar: Performance assessment of a multi-physics multi-model ensemble strategy in simulating northward propagation of the Indian summer monsoon rainfall • Chao He: Zonal asymmetric response of northern hemispheric monsoon to global warming
12:30 - 14:00	Lunch session Townhalls, Learning Labs, Workshops	MH2	TH10: Managing climate overshoot in Africa
		AD4	WM09: Climate Science Information for Climate Adaptation
		MH1	WM10: WCRP Academy – Building a community of climate researchers
14:00 - 16:00	5 Parallel Sessions	DOME	<p>S27: Hazards and Extreme events <u>Convenors: Tim Raupach, Jana Sillmann, Shampa and Olivia Romppainen</u></p> <ul style="list-style-type: none"> • A.K.M. Saiful Islam (Keynote): Climatic impact-driver (CID) Framework for Regional Impact and Risk Assessment • Gabri Hegerl (Keynote): Changes in climate extremes: Achievements and challenges • Sally Potter (Keynote): Co-production of impact-based forecasts and warnings for high impact weather in a changing climate • Roxy Matthew Koll: Marine Heatwaves, Tropical Cyclones, and Terrestrial Heat Waves Cascading in a Changing Climate • Mighel Angel Lovino: Flash droughts are becoming more frequent in croplands worldwide • Tshimangadzo Rasifudi: Analysis of hydro-meteorological drought using drought indices and the SWAT model in the Vaal River Catchment-South Africa • Mary-Jane Bopape: Weather Related Disasters in South Africa from 1979 to 2022
		MH1	<p>S20: Impacts on land and marine ecosystems <u>Convenors: Daouda Kone and Gensuo Jia</u></p> <ul style="list-style-type: none"> • Robert Marchant (Keynote): Future solutions for addressing impacts of a changing climate on biodiversity, ecosystem functioning and life on earth • Brice Augustin Sinsin (Keynote): Cattle herds movements affected by scattered land use patterns in the Sahel cause massive transhumance southward causing overgrazing impacts and social conflicts in West Africa • Nilton Evora Do Rosari (Keynote): Title to be confirmed • Robert Eagle: The role of biological pH regulation in determining responses of organisms to ocean acidification and warming • Gayathra Charuka Bandara Aledniyagoda Gedara : Impact of climate change on behaviour of marine mammals • Gensuo Jia: Urban food-energy-water nexus under climate change and extremes • Chantal Hari: Combining future projections of land-use and climate change to assess their impact on biodiversity • Aditi Modi: Impacts of climate change on marine primary productivity in the Tropical Indian Ocean: Evidence from satellite observations and Earth System models
		MH2	<p>S36: Observations for decisions <u>Convenors: Martin Visbeck and Abdou Ali Cra</u></p> <ul style="list-style-type: none"> • Ed Hawkins (Keynote): Rainfall Rescue: extending instrumental UK rainfall reconstructions

Time	Session	Room	Description
			<ul style="list-style-type: none"> • Matthew Saunders (Keynote): Designing a pan-African climate observation system to deliver societal benefit through climate action: The KADI project • Collins Gameli Hodoli (Keynote): Exploring the robustness of air sensors for understanding the impacts of location-specific agricultural practices on local air quality • Thomas Bornman: Development of a pilot Coastal GHG Observing System in southern Africa • James Thornton: Quantifying in situ climatological data coverage and human population dynamics across the mountains of Africa • Michaela Hegglin: Earth observations in support of the UNFCCC Paris Agreement • Martin Visbeck: Digital Twins of the Ocean – Opportunities to inform sustainable ocean governance
		MH3	<p>S28: Regional information – Data and methods <u>Convenors:</u> Francisco J. Doblas-Reyes, Caio Augusto dos Santos Coelho and Chi Huyen Truong</p> <ul style="list-style-type: none"> • José María Tárraga (Keynote): Causal and explainable machine-learning models for hazard-induced displacement • Julien Boé (Keynote): A simple hybrid statistical dynamical downscaling method to address the challenge of providing tailored regional climate change information • Masilin Gudoshava (Keynote): The objective seasonal forecasting approach over Eastern Africa: Benefits, challenges and future prospects • Tufa Dinku: Integrating global and local data to support climate research and adaptation in Africa • Stefan Sobolowski: Subselection of seasonal ensemble precipitation predictions for East Africa, Norway • Caio Coelho: Cascading multi-model sub-seasonal predictions from global to regional and local scales • Fiona Spuler: Case studies in bias adjustment: investigating potential pitfalls through method comparison and multivariate evaluation using a new open-source python package
		MH4	<p>S08: Ocean-atmosphere interactions: energy, water & carbon <u>Convenors:</u> Meghan Cronin, Precious Mongwe and Luciano Pezzi</p> <ul style="list-style-type: none"> • Lisa Miller (Keynote): New challenges in transcending the boundary: The Surface Ocean-Lower Atmosphere Study at 20 • Sarah Nicholson (Keynote): The impact of storms on CO₂ and heat exchange across the Southern Ocean • Richard Cornes (Keynote) - Remotely: Facilitating the Evaluation of Air-Sea Fluxes: The AirSeaFluxCode Package • Matthew Collins: Emergence of Climate Change in the Tropical Pacific • Tong Lee: Enhancing space-based capabilities for observing ocean-atmosphere interactions • Ines Leyba: The South Atlantic Ocean as a moisture source region and its relation with precipitation in South America • Adelina Gaol: Impacts of MJO on the atmosphere-ocean variable and linkages to Indonesian throughflow in the Indonesian seas
16:00 - 18:00	Posters & Refreshments		Live poster session at KCC

Time	Session	Room	Description
18:00 - 18:45	Plenary in the Dome Evening Dialogue		<p>The future of climate modeling: What is needed to address the scientific and societal challenges of climate change <u>Chair/Moderator: Celeste Saulo (WMO Secretary-General elect)</u></p> <ul style="list-style-type: none"> Bjorn Stevens (Director and Scientific Member at the Max Planck Institute for Meteorology)
From 18:45	Free time		Dining, networking, socializing
20:00 - 22:00	Evening Session Townhalls, Learning Labs, Workshops	AD1	LL05: Hands-on Introduction on running the Community Earth System Model (CESM) (starts at 19:00)
		MH3	LL07: How to use Landsat 8 and ArcGIS Pro for analyzing Earth's climate system
		MH1	TH08: Advancing the World Meteorological Organization Climate Services Information System for improved delivery of climate services
		AD4	WM08: Early Career Researchers Network of Networks Workshop on Multidisciplinary Approaches to Climate Change Mitigation (Part 2)
		MH4	WM11: An Interactive Workshop on Minimizing Risk through Informed Decision Support
		AD12	Early and Mid-Career Researchers (EMCR) table topics (by invitation only)

Day 4: Thursday 26 October

Time	Session	Room	Description
8:30 - 10:00	Plenary in the Dome	DOME	<p>Climate Change Solutions <u>Chair/Moderator: Detlef Stammer (WCRP Chair)</u></p> <ul style="list-style-type: none"> • Aditi Mukherji, (<i>Director of the Climate Adaptation and Mitigation Impact Area Platform</i>): Feeding the future global society - challenges for food security • Peter Dueben (<i>Head of Earth System Modelling, ECMWF</i>): Digital revolution - climate information for all • Minal Pathak (<i>Senior Scientist of IPCC Working Group III</i>): Technical solutions to the climate problem - opportunities and limits • Panel Discussion
10:00 - 10:30	Break		Tea and coffee break
10:30 - 12:30	5 Parallel Sessions	DOME	<p>S09: Interactions between atmospheric composition and climate, including aerosol processes <u>Convenors: Delphine Farmer and Alex Archibald</u></p> <ul style="list-style-type: none"> • Arlene Fiore (<i>Keynote</i>): Title to be confirmed • Cora Young (<i>Keynote</i>): Title to be confirmed • Catherine Scott (<i>Keynote</i>): Title to be confirmed • Ilona Riipinen (<i>Keynote</i>): Title to be confirmed • Louis Ladino (<i>Keynote</i>): The importance of aerosol particles from Tropical latitudes in ice-cloud formation and climate • Plenary discussion: Critical gaps for studies in atmospheric composition and climate for a Net Zero world?
		MH1	<p>S23: Circulation change in the climate system (atmosphere and ocean) <u>Convenors: Julie Arblaster and Isla Simpson</u></p> <ul style="list-style-type: none"> • Rong Zhang (<i>Keynote</i>): Understanding changes in the North Atlantic Ocean circulation and the associated impacts on climate • Xichen Li (<i>Keynote</i>): Atmospheric circulation mediates climate changes between tropics and polar regions • Sarah Kang (<i>Keynote</i>): Global impact of recent Southern Ocean cooling • Rowan Sutton: Drivers of change in North Atlantic atmosphere and ocean circulation: a synthesis of findings from the UK ACSIS program • Sandeep Narayansetti: South Asian monsoon response to weakening of the Atlantic meridional overturning circulation in a warming climate • Mauricio Rocha: Meridional overturning circulation and South Atlantic heat balance in a warming climate

Time	Session	Room	Description
			<ul style="list-style-type: none"> • Sugata Narsey: Local zonal and meridional overturning in CMIP6 models • Rym Msadek: Large-scale oceanic response to Arctic sea ice decline • Tiffany Shaw: Arctic sea ice loss weakens Northern Hemisphere summertime storminess but not until the late 21st century
		MH2	<p>S33: Linking policy and climate information <u>Convenors: Cocou Jaures Amegnaglo and Adriaan Perrels</u></p> <ul style="list-style-type: none"> • Keith Williges (Keynote): Assessing the ability to meet basic needs under mitigation pathways - considerations of fairness and climate justice in future climate scenarios • Palmira Cuéllar-Ramírez (Keynote): Climate Scientists as climate negotiators for UNFCCC processes • Ines Alterio (Keynote): Establishing a « single market » for science-based climate policy • Kareem Buyana: Gender and climate change: Shifting the discourse from victimhood to capabilities • Herbert Mba Aki: The monetization of the protection of the forests in Gabon • Ella McNiece: Social identity, climate beliefs, pro-environmental behaviour and eco-anxiety • Joseph Manzvera: Economic value of Agro-meteorological Services: A review of the international literature • Adriaan Perrels: Socioeconomic appraisal of different levels of adaptation to climate change • Cocou Jaures Amegnaglo: Can we marry the traditional and modern seasonal forecast systems?
		MH3	<p>S32: Capacity development for climate services <u>Convenors: Tufa Dinku, Amanda Grossi, Pablo Borges de Amorim</u></p> <ul style="list-style-type: none"> • Mandira Shrestha (Keynote): Institutional capacity building on spatial and temporal climate change analysis using CORDEX regional climate models over South Asia • Amanda Grossi (Keynote): From research to practice: Integrating climate Information into agricultural extension systems in East, Southern, and West Africa • Prakash Tiwari: Women centric low tech flood early warning system in marginalized mountain environment: An illustration of community capacity development for climate services in Himalaya • Alain Bourque: How do we increase communication and collaboration between climate service providers: towards a network of networks • Lora Batino: WCRP Academy: Establishing an online marketplace for climate science training • Alcade Segnon: Enabling capacity to improve climate information services in West Africa: experience and lessons learnt through AICCRA project
		MH4	<p>S05: Polar processes and change <u>Convenors: Helene Seroussi and Timothy Naish</u></p> <ul style="list-style-type: none"> • Christopher Horvat (Keynote): The polar tempest: remote sensing and modelling of how sea ice geometry drives polar air-sea interactions. • James Renwick (Keynote): Whither Antarctic Sea Ice? • Ruijian Gou (Keynote): Changing nature of polar warming and marine extremes in high-resolution models for the 21st century • Pengfei Zhang: More frequent atmospheric rivers slow the seasonal recovery of Arctic sea ice

Time	Session	Room	Description
			<ul style="list-style-type: none"> • Camille Lique: How are mesoscale eddies and sea ice influencing each other in the Arctic? • Divya Davit T.: Interannual influence of Atlantic waters on the biogeochemistry of an Arctic fjord • Sandy Thomalla: Widespread changes in Southern Ocean phytoplankton blooms linked to climate drivers • Jan Rieck: Heat transport towards sea ice by mesoscale eddies in an idealized Southern Ocean
12:30 - 14:00	Lunch session Townhalls, Learning Labs, Workshops	AD1	LL06: Democratizing climate science: making it meaningful at local scales
		AD12	WM13: Community engagement and feedback on the SOLAS science agenda
		AD4	WM14: Shifting the power of convening back to the south - building Africa leadership through regionally led, bottom-up collaboration
		CONCOURSE	GA01: Journey of a Kigali Pixel - Game (Part 2)
14:00 - 16:00	5 Parallel Sessions	DOME	<p>S07: Atmosphere-land interactions Convenors: Eleanor Blyth, Aihui Wang and Anna Sörensson</p> <ul style="list-style-type: none"> • Chris Taylor (Keynote): Title to be confirmed • Youngjiu Dai (Keynote): Title to be confirmed • Francina Dominguez (Keynote): Title to be confirmed • Robert Allan: Enhanced global fire activity under increasing CO₂: The dominant role of vegetation and the CO₂ fertilization effect • Hlengiwe Ntuli: Carbon dioxide emission rates in different land use systems of the Letaba catchment, Limpopo province, South Africa. • Muyaka Kamamba: Forest-Water Nexus: An Evapotranspiration assessment of the Kafue River Sub-Basin using Remote Sensing • Xubin Zeng: Land-atmosphere interactions at diurnal to climate time scales from observations and modeling: Our recent progress
		MH1	<p>S10: Lessons from paleoclimate for recent and future climate change Convenors: Cristiano Chiessi, Masa Kageyama and Kira Rehfeld</p> <ul style="list-style-type: none"> • Yassine Brahim (Keynote): The spatiotemporal extent of the Green Sahara during the Last Glacial Period: Potential implications for early human populations • Jiang Zhu: Clearing clouds of uncertainty with the help of paleoclimate • Benjamin Keenan: Molecular and isotopic indicators of fire history, population, vegetation and climate change in the Maya lowlands • Steven Sherwood: Using simple models to help interpret the palaeoclimate record • Marfasran Hendrizan: Strengthening of the Pacific Meridional Overturning Circulation (PMOC) as a forcing for slowdown of the Indonesian throughflow during the last deglaciation • Paul Valdes: Tuning climate models with paleoclimate data • Marina Duetsch: Response of water isotopes in precipitation to a collapse of the West Antarctic Ice Sheet in high-resolution simulations with the Weather Research and Forecasting Model

Time	Session	Room	Description
		MH2	<p>S31: Climate knowledge co-production in a decision and policy context <u>Convenors: Daniela Jacob, Simon Marsland, Asuncion Lera St Clair, Mzime Murisa and Roché Mahon</u></p> <ul style="list-style-type: none"> • Alice McClure (Keynote): Principles for co-producing climate services: practical insights from FRACTAL • Heide Hackmann (Keynote): Title to be confirmed • Lucy Mtilatila (Keynote): Title to be confirmed • Rezwan Siddiqui: Examining participation in climate decision-making: myth and reality • Raymond Mugandani: Willingness and preparedness of communities to share knowledge for climate change adaptation in Chivi, Zimbabwe • Roger Pulwarty: Going to extremes in climate services: Lessons and practices for managing through the new abnormal • Sameera Noori: Silver-lining in a cascading crisis: Interdisciplinary knowledge production for impactful climate science in Afghanistan • José Maria Tárraga: Causal and explainable machine-learning models for hazard-induced displacement
		MH3	<p>S25: Regional climate change <u>Convenors: Tannecia Stephenson, Arona Diedhiou and Mouhamadou Bamba Sylla</u></p> <ul style="list-style-type: none"> • Erika Coppola (Keynote): Regional climate change assessments - where we are and future outlook • Christopher Lennard (Keynote): A decade of CORDEX-Africa: Achievements, challenges and opportunities • Jiali Wang (Keynote): Global warming impacts on tropical cyclones: climate-scale statistics and event case studies • Xuejie Gao: Precipitation simulation and future projections over China by an ensemble of multi-GCM driven RCM simulations • Piero Lionello: Processes relevant for the future evolution of the Mediterranean climate in a global warming context • Marianne Tronstad Lund: Variability and evolution of fire weather conditions in high latitude boreal forest regions under levels of global warming • Omar Müller: Time of emergence of African Rivers
		MH4	<p>S30: Uncertainties in climate projections: plausibility, possibility and probability <u>Convenors: Douglas Maraun and Marjolijn Haaasnoot</u></p> <ul style="list-style-type: none"> • Amadou Gaye (Keynote): Co-construction of knowledge for addressing climate change impacts and adaptation in Sénégal, West Africa • Judy Lawrence (Keynote): Title to be confirmed • Bart van den Hurk (Keynote): Title to be confirmed • Eduardo Gonçalves Gresse: Toward a sustainable adaptation plausibility framework • Rodric Merime Nonki: Quantification and allocation of uncertainties of climate change impacts on hydropower potential under 1.5oC and 2.0oC Global Warming Levels in the Benue River basin, Cameroon • Elena Saggiaro: Using climate storylines in climate risk assessments for enabling policy action: a case study for Iraq's National Adaptation Plan

Time	Session	Room	Description
			<ul style="list-style-type: none"> <li data-bbox="981 153 2152 212">• Innocent Masukwedza: Potential for surprising heat and drought events in wheat-producing regions of USA and China
16:00 - 18:00	Posters & Refreshments		Live poster session at KCC
19:00 -	Conference dinner		Conference Banquet with Dinner Talk

Day 5: Friday 27 October

Time	Session	Room	Description
8:30 - 10:00	Plenary in the Dome	DOME	Closing Dome Plenary Session <u>Chair/Moderator: Conference Chairs</u> <ul style="list-style-type: none"> • Summary of conference key messages • Negotiation of conference statement
10:00 - 10:30	Break		Tea and coffee break
10:30 - 12:30	Plenary in the Dome	DOME	<ul style="list-style-type: none"> • Closing session
14:30 - 18:00	Workshop	MH1	WM12: Identifying regional science priorities for Early and Mid-Career Researchers (EMCRs) for and in Africa

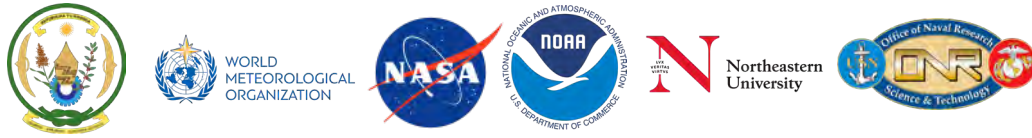
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