

Sustainability Research & Innovation Congress 2023 (SRI 2023) Africa Satellite event

20 - 22 June, 2023
Nelson Mandela University
Click [here](#) to join.

Session Number 1971: Time: 11:30 - 13:00, Room C
Developing model for Africa's Climate Finance

Introduction

To help Africa deal with the effects of climate change, such as an increase in the frequency and severity of extreme weather events, decreased crop yields, and rising sea levels, climate finance is urgently needed. The most vulnerable nations in Africa will be disproportionately impacted by water scarcity and rising temperatures, with effects anticipated to be highest in regions most exposed to the effects of climate change.

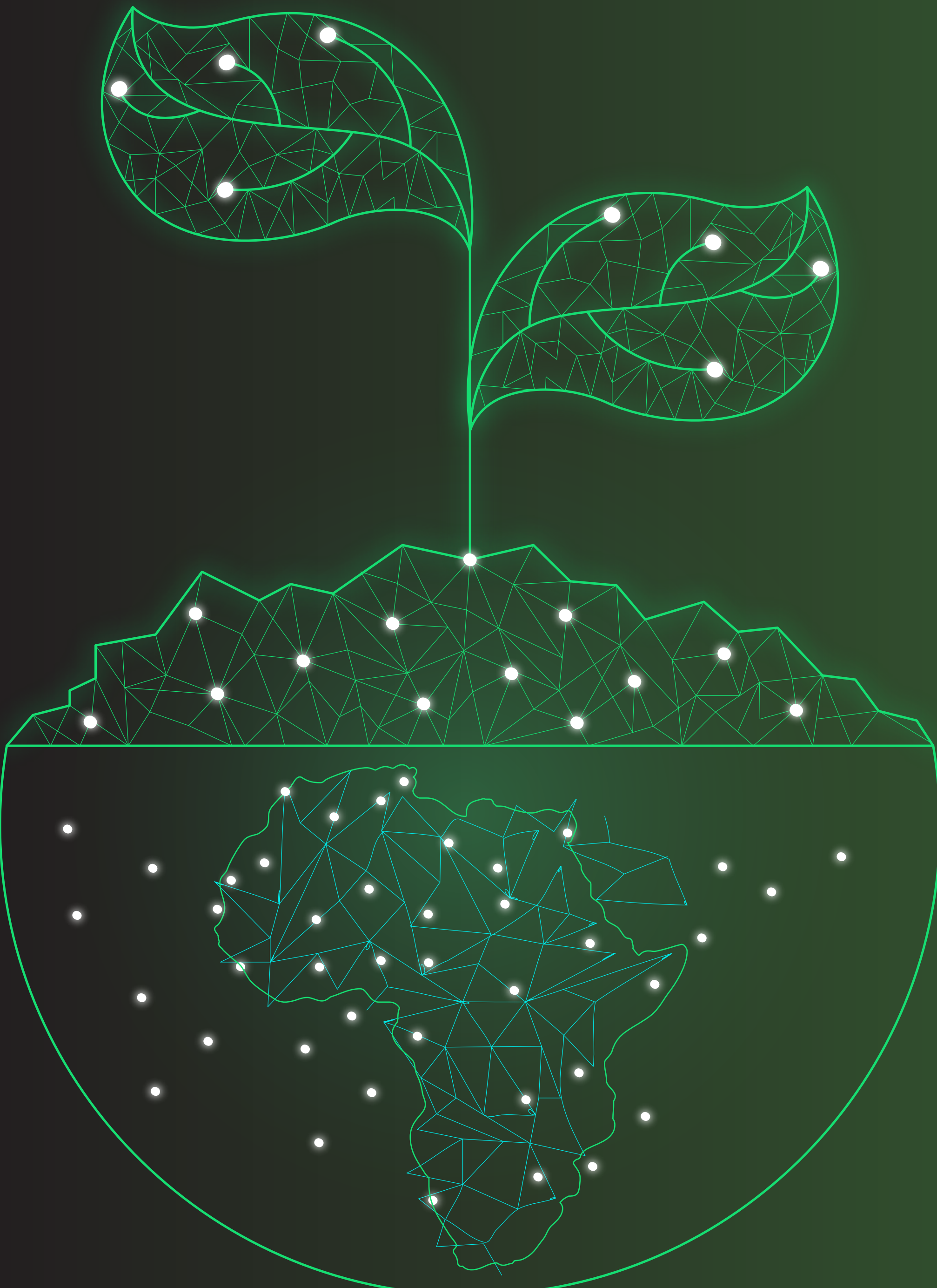
Climate finance will, therefore, help low-income countries, most of them found in Africa adapt to climate change by increasing resilience, reducing vulnerability, and increasing the productivity of their land and water resources. Donations and other sources will be a vital source of funding for the multiple modifications that will be required during the ensuing decades to mitigate the effects of climate change in Africa. This suggests that a model for climate finance in Africa has to be created.

The increased stability and resiliency of African economies, increased agricultural production, and better water and sanitary conditions are only a few advantages of climate finance. The advantages will be more noticeable in regions of the world like the Mediterranean basin, southern Africa, and West and Central Africa that are more susceptible to the effects of climate change. To support and strengthen these nations' already-fragile economies, the international financial institutions and aid organizations must help marshal local and global resources to support the governments in these regions as they adapt to climate change.

How to mobilize financial resources for Africa's adaptation to climate change will be discussed at the session, organised by the Human Sciences Research Council: Developing Model for Africa's Climate Finance by presenters and attendees. By encouraging climate change prevention and adaptation in all nations, the United Nations Framework Convention on Climate Change and its Kyoto Protocol have made significant progress in this direction. However, it is becoming increasingly important to address the adaptation needs of developing countries and, as a result, to foster new financial and technical partnerships. Climate financing can aid in mitigating the harm brought on by extreme weather events and advancing sustainable development in all nations, but especially in developing nations.

Session Format

The session will be a hybrid, with some participants participating physically, while others will participate online. The allocated time for the session is 90 minutes.



Programme

HSRC Session: Session Number 1971 :

Developing model for Africa's Climate Finance

Facilitator: Prof. Thokozani Simelane, Professor of Practice, Faculty of Engineering and Built Environment, University of Johannesburg, Human Sciences Research Council

11: 30 - 12:00: Key note presentation : Prof. Hilary Inyang, US Ambassador's Distinguished Scholar to Ethiopia, BiT, Bahir Dar University, Ethiopia

Topic: Critical Areas of focus and partnerships for climate finance

Remarks

12:00 - 12:10: Remark 1: Prof. Charles Hongoro, Extra-ordinary Professor, Health Economics, Systems and Policy, University of Pretoria; Strategic Lead: Sustainable Human Security, Development, Capable and Ethical State Division, Human Sciences Research Council

Topic: What will it take to Finance Human Development and mitigation of climate change linked threats and disasters

12:10 - 12:20: Remark 2: Dr Ndiadvha Tempia, Executive, Marketing and Economic Research Centre, National Agricultural Marketing Council

Topic: Financing needs for sustained Agriculture in Africa

12:20 - 12:30: Remark 3: Dr Gabriel Lekalakala, Climate Change and Agrohydrology Specialist, Department of Water and Sanitation, South Africa

Topic: Financing needs for water sector in Africa

Additional Remarks from: Dr Shingirirai Mutanga (CSIR), Dr Vuyo Mjimba (HSRC), Dr Rodney Managa (HSRC), Dr Constance Mogane (TUT) and Dr Anastasia Moloto (TUT)

Concluding Remarks and vote of thanks: Dr Palesa Sekhejane, Acting Executive Head, AISA, Human Sciences Research Council



SUSTAINABILITY RESEARCH & INNOVATION CONGRESS

AFRICA SATELLITE EVENT

Venue: Nelson Mandela University (Ocean Sciences Campus), Gqeberha

South Africa








Date: 20 – 22 June 2023

About SRI2023 Satellite Event

The Sustainability Research & Innovation Congress 2023 (SRI2023) Africa satellite event is to be held at Nelson Mandela University, Gqeberha on 20-22 June 2023. SRI is an annual conference established by the Belmont Forum and Future Earth in order to promote transdisciplinarity in sustainability research. SRI provides a space of dynamic advocacy for sustainability scholarship, innovation, collaboration and action, and aims to connect global leaders, experts, industry, practitioners, and innovators to inspire action that promotes transformation in sustainability.

The aim of the satellite event is to explore regional action-forward approaches to sustainability research and innovation and integrate these insights into the SRI2023 congress programme which will take place in Panama. The SRI Africa satellite event will be a combination of cross-cutting plenary sessions, parallel thematic sessions, and live discussion tables as shown in the attached conference programme.



	Day 1: 20 June 2023	Day 2: 21 June 2023	Day 3: 22 June 2023
08:15 – 08:45	Registration & TEA	Registration & TEA	Registration & TEA
08:45 – 11:15 PLENARIES			
	<p>Moderator: Aldo Stroebel Executive Director Strategy, Planning and Partnerships, National Research Foundation</p>  <p>09:00 – 09:15 Opening</p>  <p>Daan du Toit Deputy Director-General: International Cooperation and Resources, Department of Science and Innovation</p>  <p>Fulufhelo Nelwamondo CEO of the National Research Foundation of South Africa</p> <p>09:15 – 10:15 Sustainability Science & Innovation in Africa Panel Session</p>  <p>Imraan Patel Deputy Director-General, Research Development and Support, Department of Science and Innovation</p>	<p>08:45 – 10:00 Open Science for Sustainability Panel Session</p>  <p>Ana Persic Senior Programme Specialist: Science Policy and Capacity-Building, UNESCO</p>  <p>Erica Key Director, US Future Earth Global Secretariat Hub</p>	<p>08:45 – 10:00 Strengthening Global South Research Leadership</p>  <p>Hilary Inyang US Ambassador's Distinguished Scholar to Ethiopia, BiT, Bahir Dar University, Bahir Dar, Ethiopia.</p>

10:15 – 11:15 Future Earth Africa Hub Leadership Centre Launch



Heide Hackmann Director: Future Africa, University of Pretoria



Heila Lotz-Sisitka SARChI Chair: Global Change and Social Learning Systems, Rhodes University

10:00 – 11:15 Water-Energy-Food Nexus in Africa Session



Wanjira Mathai Managing Director for Africa and Global Partnerships at WRI

10:00 – 11:15 Official Announcement of the Mandela Institute for Sustainable Futures Launch



Thandi Mgwebi DVC: Research, Innovation, and Internationalisation - Nelson Mandela University, South Africa



Rose Boswell SARChI Research Chair in Ocean Cultures and Heritage, Nelson Mandela University

COFFEE BREAK

11:15 - 11:30

11:30 – 13:00 SRI Africa Sessions: PARALLEL SESSIONS I

Room A	<p>Africa Call Funders Meetings (By Invitation Only)</p> <p>Moderators: Michael Nxumalo, Nicole Arbour, Erica Keys Hybrid English</p>	<p>Enabling Transformative Climate Action: Importance of Multi-sector Collaboration in the Global South.</p> <p>Moderator: Daniel Nyanganyura Hybrid English</p>	<p>Sustainability Science: Challenges and Opportunities in knowledge production and professional development for African Early Career Scientists.</p> <p>Moderator: Faten Attig Bahar Hybrid English</p>
Room B	<p>The game changing role of local community stakeholders in climate change and SRI-related activities.</p> <p>Moderator: Freeman Elohor Oluowo Hybrid English</p>	<p>New Challenges and Future Perspectives in Nutrition and Sustainable Diets in Africa</p> <p>Moderator: Noella Semu Hybrid English</p>	<p>"Synecoculture" as a forever carbon-negative agro-ecological paradigm</p> <p>Moderator: André Tindano Hybrid French</p>
Room C	<p>Locally led adaptation in cities, a case of the Education Partnership for Innovation in Cities (Africa).</p> <p>Moderator: Mzime Ndebele-Murisa Hybrid English</p>	<p>Training Workshop on Scientific Paper Writing and Publication for Early Career Researchers</p> <p>Moderator: Opeyemi Adeyemi Hybrid English</p>	<p>Developing Model for Africa's Climate Finance</p> <p>Moderator: Thokozani Simelane Hybrid English</p>
Room D	<p>Sustainable food packaging.</p> <p>Moderator Shanece Ramkisson Hybrid English</p>	<p>Letter to Fellow Citizens of Earth: Implementation from Early Career Africanist Perspectives</p> <p>Moderator: Ajibola Akanji Hybrid English</p>	<p>Supporting medical infrastructure in low resource settings.</p> <p>Moderator: Dean Hodgskiss Hybrid English</p>

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Room E	<p>Advancing sustainable research and innovation through science diplomacy.</p> <p>Moderator: Phumelele Higgins Hybrid English</p>	<p>Development of value-added products, commercialization, intellectual property management for indigenous plant species: towards strengthening the role of local communities in food security</p> <p>Moderator: Dikabo Mogopodi Hybrid English</p>	<p>Indigenous and local knowledge in Climate Change Adaptation by local farmers in Africa</p> <p>Moderator: Daniel Onyedikachi Ugwu Hybrid English</p>
Room F	<p>Reflecting on African Early Career Researchers' Involvement in Earth Observations.</p> <p>Moderator: Faten Attig Bahar Hybrid English</p>	<p>DivAirCity Innovation Demonstration: Twinning Opportunities to Improve Air Quality in African Cities through Social Inclusion and Nature-Based Solutions</p> <p>Moderator: Amandla Uzoka-Jarrett Hybrid English</p>	<p>Climate Change in Africa, PAUWES Curriculum and Contributions</p> <p>Moderator: Chérifa Abdelbaki Hybrid English</p>
ONLINE	<p>Colonial socioeconomic segregation shaping sustainability narrative of contemporary African cities</p> <p>Moderator: Peter Wangai Online English</p>	<p>How to build a planetary justice? A perspective from African postcolonial history and political philosophy.</p> <p>Moderator: Carlos Téwéché Korassi Online French</p>	<p>Fight malaria in your community: GLOBE Mission Mosquito's Africa Regional Challenge.</p> <p>Moderator: Rebecca Boger Online English</p>
ONLINE	<p>Accelerators of Science and Technology: global role and sustainable impact.</p> <p>Moderator: Gihan Kamel Online English</p>	<p>Harnessing the power of AI to accelerate biodiversity management in Latin America</p> <p>Moderator: Constanza Gómez Mont Online Spanish</p>	<p>The Role of Enablers in Adoption of Agrivoltaics Systems in East Africa</p> <p>Moderator: Elizabeth Nyambura Online English</p>

13:00 – 14:00		LUNCH	
14:00 – 15:30 SRI Africa Sessions: PARALLEL SESSIONS II			
Room A	<p>Future Earth Water-Energy-Food Nexus GRN: Shaping the future of knowledge co-production and transformation co-design toward sustainability.</p> <p>Moderator: Faten Attig Bahar Hybrid English</p>	<p>How artists reach new audiences</p> <p>Moderator: Hannelie Coetzee Hybrid English</p>	<p>From Global challenges to local solutions: how FAIR data, transdisciplinarity and innovation are sustainably shaping the marine research, management, communities and narratives of South Africa.</p> <p>Moderator: Francesca Porri & Anthony Bernard Hybrid English</p>
Room B	<p>Belmont Forum- CRA Ocean Sustainability NRF/Sida Funded Projects (By Invitation Only)</p> <p>Moderators: Tracy Klarenbeek Hybrid English</p>	<p>Urban transitions and climate change response in Urban Africa</p> <p>Moderator: Shuaib Lwasa Hybrid English</p>	<p>Curbing the smoking of vulture brains: the role of science diplomacy in stopping wildlife trafficking.</p> <p>Moderator: Zvikomborero Manjengwah Hybrid English</p>
Room C	<p>Examining the effectiveness of institutional frameworks for adaptation to water-related hazards, using case studies in selected African contexts</p> <p>Moderator: Rakhee Lakhraj-Govender Hybrid English</p>	<p>A digital approach to multi-stakeholder-led knowledge-exchange of Sustainability Research for societal benefits in Africa</p> <p>Moderator: Jo Havemann Hybrid English</p>	<p>Energy Transition and Water-Energy-Food Nexus Security in Africa: Opportunities, Risks, and Tradeoffs.</p> <p>Moderator: Faten Attig Bahar Hybrid English</p>

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Room D	<p>Connecting Science to Society: A Network Approach to Improving Science Communication in the Global South</p> <p>Moderator: Johanssen Obanda Hybrid English</p>	<p>Coordinating climate change adaptation actions for resilient health systems in Africa: case studies across the continent and an interventional framework</p> <p>Moderator: Vincent Pagiwa Hybrid English</p>	
Room E	<p>E-Research, a vector of common good heritage in Africa</p> <p>Moderator: Kambo Martial ATSE Hybrid French</p>	<p>Participatory and citizen sciences: the Co-construction of African scientific diplomacy.</p> <p>Moderator: Kambo Martial ATSE Hybrid French</p>	CLOSING SESSION
Room F	<p>A National Threats Map for South Africa's Most Endangered Dolphin, The Humpback Dolphin.</p> <p>Moderator: Alejandra Vargas Hybrid English</p>	<p>Deriving the benefits from technology and innovation partnerships between the universities and the Agricultural industry: Perspective from the Small and Medium Enterprises (By Invitation Only).</p> <p>Moderator: Zolani Dyosi Hybrid English</p>	
ONLINE	<p>Environmental Sustainability, Collaborative Actions, and the Changing African Climate</p> <p>Moderator: Jude Okechuku Chukwu Online English</p>	<p>The Relevance of Indigenous Knowledge in Creating Innovative New Health Products</p> <p>Moderator: Ben-Erik van Wyk Online English</p>	

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<p>ONLINE</p>	<p>7. Sustainable pathways to healthy and inclusive communities for improved human welfare</p> <p>Moderator: Jude Okechukwu Chukwu Online English</p>	<p>Collaborative Climate Adaptation for food security in the African Water-Energy-Food Nexus Using Design Thinking and Systems Modeling</p> <p>Moderator: Michael Jacobson Online English</p>	
<p>ONLINE</p>	<p>Drought Resilience in Africa</p> <p>Moderator: Tanaya Sarmah Online English</p>		
<p>15:30-16:00</p>		<p>Coffee Break and Posters</p>	
<p>16:00 – 17:00 NETWORKING SESSIONS</p>			
	<p>Future Earth Africa Hub Workshop - Shaping the Africa Hub Leadership Centre</p> <p>Moderators: Heila Lotz-Sisitka, Heide Hackmann & Nelson Odume Hybrid English</p>	<p>Discussion tables and networking science dating place to benefit ECRs</p> <p>Moderators: Michael Nxumalo, Sepo Hachigonta & Reinhold Mangundu In-Person English</p>	