

Future Earth Regional Workshop for Africa

Protea Hotel Sea Point, Cape Town, South Africa

31 October – 02 November 2012

Final

Organisers



Partners



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Meeting chair: Elizabeth Rasekoala, Director, Africa-Caribbean Network for Science and Technology

Main goals:

1. To develop a common understanding of, get input on, and identify regional priorities in the research framework for Future Earth
2. To develop elements of a Future Earth strategy for the region

Expected outcomes:

1. Collect feedback on the Future Earth research framework and identify links with existing regional research plans and priorities
2. Identify key stakeholders across regions and sectors and explore options for partnerships
3. Develop a set of recommendations on the next steps to implement Future Earth in Africa

31 October 2012: What is Future Earth? What should the regional priorities for the research framework be?

07:30 – 08:30 **Registration**

Including registration for the breakout session 2

Session 1: Opening and introduction to Future Earth

08:30 – 09:00 **Welcome and introduction of the workshop**

Edith Madela-Mntla – Director, ICSU Regional Committee Office for Africa (10 minutes)

Steven Wilson – Executive Director, ICSU (20 minutes)

09:00 – 09:20 **General presentation of Future Earth: history and design process, overall objectives and rationale**

Tanya Abrahamse – CEO, South African National Biodiversity Institute and Future Earth Transition Team member

09:20 – 09:40 **Short question and answer**

Moderator: Edith Madela-Mntla

09:40 – 10:10 **Presentation of the Future Earth research framework**

Martin Visbeck – Professor, GEOMAR | Helmholtz Centre for Ocean Research Kiel and Future Earth transition team member

10:10 – 10:40 **Break**

10:40 – 11:10 **Presentation of the integrated strategy for GEC research in Africa and links to the Future Earth research framework**

Coleen Vogel - Independent

11:10 – 11:45 **Questions and Answers session**

With a panel including :

- Tanya Abrahamse
- Heide Hackmann – Executive Director, International Social Science Council
- Jakob Rhyner – Director, UNU Institute for Environment and Human Security
- Martin Visbeck
- Steven Wilson
- Coleen Vogel

Moderator: Edith Madela-Mntla

11:45 – 13:00 **Roundtable discussion engaging the participants: Guidance on initial priorities for Future Earth from regional stakeholders in global environmental change community**

- Leluma Matooane – Director of Earth Systems Science, Department of Science and Technology, South Africa
- Joseph Massaquoi – Treasurer and Member of Governing Council, African Academy of Science
- Chris Gordon – Director, Institute for Environmental and Sanitation Studies
- Neville Sweijd – Director, Applied Centre for Climate & Earth Systems Science (ACCESS)

- Luthando Dziba – Principal researcher, Southern African Program on Ecosystem Change and Society, Council for Scientific and Industrial Research (CSIR)
- Frank Matose – Senior Lecturer, University of Cape Town and member of the Council for the Development of Social Science Research in Africa (CODESRIA)
- Johan Pauw – Executive Director, South African Environmental Observation Network (SAEON)

Moderator: Edith Madela-Mntla

13:00 – 14:00 Lunch

Session 2: Presentations of regional activities and discussion on the regional research priorities Future Earth in Africa

14:00 – 14:10 **Introduction of the first break-out session**

Steven Wilson

14:10 – 16:15 **Break-out session 1:** working in parallel on linking the research priorities for Africa to the research framework of Future Earth

All sub-groups will address the following question: What are the initial research priorities relevant for Africa that you would like to highlight within this framework?

Each sub-group include a chair, a rapporteur and a member of the Transition Team

- Breakout group 1: Regina Folorunsho (chair), Eric Berefo (rapporteur), Heide Hackmann
- Breakout group 2: Daniel Olago (chair), Joshua Olowoyo (rapporteur), Tanya Abrahamse
- Breakout group 3: Belinda Reyers TBC (chair), Genito Amos Maure (rapporteur), Martin Visbeck
- Breakout group 4: Monica Ayieko (chair), Rungano Karimanzira (rapporteur), Steven Wilson

Tanja Hichert - Professional facilitator, Hichert & Associates (Pty) Ltd

16:15 – 16:45 Break

16:45 – 18:00 **(1) Presentation by group chairs and (2) Roundtable discussion on gaps and opportunities for integrated research on Earth system in Africa**

- Breakout group chairs
- Coleen Vogel
- Bruce Hewiston – NRF Research Chair in Climate change, University of Cape Town
- Martin Visbeck
- Jakob Rhyner

Facilitation: Tanja Hichert and Neville Sweijd

18:00- 21:00 **Networking reception**

Including a keynote address by Mark New, Pro-Vice Chancellor and Director, African Climate and Development Initiative, University of Cape Town:

“What Kind of Earth System Science Research is Most Useful for Southern Africa?”

1 November 2012: How can Future Earth be most effective in the region and with whom should it develop links and partnerships?

Session 3: Breakout group discussion on cross-cutting capabilities

- 08:30 – 08:45 **Introduction: focus and objectives for the day's sessions**
Meeting chair: Elizabeth Rasekoala
- 08:45 – 09:00 **Introduction of the second break-out session**
Steven Wilson
- 09:00 – 11:00 **Break-out session 2: working on cross-cutting issues:**
- Breakout group 1: **Observation and Data:** Johan Pauw (chair), Genito Amos Maure (rapporteur), Steven Wilson
 - Breakout group 2: **Integration of disciplines and knowledge fields** – gaps, opportunities and requirements to develop integrated research on Earth system for global sustainability in Africa: Andrew Kaniki (chair), Achuo Enow (rapporteur), Jakob Rhyner
 - Breakout group 3: **Capacity development:** Chris Gordon (chair), Joshua Olowoyo (rapporteur), Heide Hackmann
- Breakout groups will provide inputs on the following questions: what work is on-going in the region? Who are the key actors? How could this set of capabilities be strengthened in the context of Future Earth?
- 11:00 – 11:30 Break
- 11:30 – 12:45 **(1) Presentation by group chairs and (2) Roundtable discussion engaging the participants on existing strengths and capability gaps to deliver integrated and solutions-oriented research on Earth system**
Including breakout group chairs
Moderator: Mark New
- 12:45 – 14:00 Lunch

Session 4: Mapping regional stakeholders for Future Earth

- 14:00 – 14:20 **Introduction of the third breakout session**
Tanja Hichert and Tanya Abrahamse
- 14:20 – 17:00 **Breakout session 3**
The breakout session will cover:
- identification of stakeholders for the development and implementation of Future Earth in the region (among the research, science-policy, government, funding, development, business and industry, civil society and media communities),
 - discussions on transdisciplinarity, engagement of stakeholders and best approaches to deliver solutions-oriented research
- Participants will be identifying stakeholders and value propositions of stakeholders

according to their level of interest and their ability to influence during the implementation of Future Earth.

Breakout group 1: Jonathan Matondo (chair), Sepo Hachigonta (rapporteur), Heide Hackmann

Breakout group 2: Joseph Massaquoi (chair), Samuel A Mvondo (rapporteur), Tanya Abrahamse

Breakout group 3: Munashe Shoko (chair), Julius Francis (rapporteur), Martin Visbeck

Breakout group 4: Mark Swilling (chair), Eric Berefo (rapporteur), Jakob Rhyner

Facilitation: Tanja Hichert

18:00 – 20:00

Panel discussion “Global Sustainability in Sub Saharan Africa: Future Earth and the Role of Science”, University of Cape Town

On November 1, the International Council for Science in partnership with Cape Town University and the International Social Science Council will organise a two-hour panel discussion on Future Earth, global environmental change, and sustainable development within the African context. Specifically, this event aims to engage students, young scientists, as well as the media to discuss Earth System research needs and opportunities for achieving sustainable development in Africa. The event will be attended by distinguished guests and prominent scientists. All workshop participants are welcome to attend this event and transportation will be arranged from the Protea Hotel Sea Point to the event venue.

2 November 2012: Towards the implementation of Future Earth in Africa: options and roadmap for follow-up

Session 5: Global and regional governance for Future Earth: needs and opportunities

08:30 – 08:45

Introduction: focus and objectives of the day's sessions

Meeting chair: Elizabeth Rasekoala

08:45 – 09:15

Presentation of the initial stakeholder mapping

Breakout session group chairs

Facilitation: Tanja Hichert

09:15 – 09:30

The governance framework of Future Earth

Heide Hackmann, Executive Director, International Social Science Council

09:30 – 10:15

Presentation of funders' perspective and discussion on funding priorities and opportunities

Andrew Kaniki – Belmont Forum representative and Director of Knowledge Management and Strategy of the National Research Foundation

Neda Farahbakhshazad - Research adviser Swedish Secretariat for Environmental Earth System Sciences (SSEESS), representing the Swedish International Development Agency (Sida)

10:15 – 10:30

Introduction of breakout groups

Steven Wilson and Tanja Hichert

10:30 – 11:00	Break
11:00 – 12:45	<p>Breakout session 4: breakout groups working in parallel on options and recommendations to develop Future Earth in Africa</p> <p>Breakout groups working on the following questions:</p> <ul style="list-style-type: none"> – What organisation, structure and partnerships are needed to coordinate Future Earth in Africa? – How can the region best be engaged in Future Earth? Who are the key partners that need to be involved? – What innovative mechanisms can be designed to ensure that a global Future Earth secretariat functions as a truly global, representative and inclusive management structure? – What are the best approaches to identify funding opportunities (at global, regional and local levels)? <p>Breakout group 1: Rungano Karimanzira (chair), Akeem A Akinwale TBC (rapporteur), Heide Hackmann</p> <p>Breakout group 2: Oonsie Biggs (chair), Jenny Clover (rapporteur), Tanya Abrahamse</p> <p>Breakout group 3: Thierry Amoussougbo (chair), John Colvin (rapporteur), Martin Visbeck</p> <p>Breakout group 4: Babatunde Abiodun (chair), Orla Martin (rapporteur), Jakob Rhyner</p> <p><i>Facilitation: Tanja Hichert</i></p>
12:45 – 13:45	Lunch
	Session 6: Towards the implementation of Future Earth in Africa
13:45 – 14:30	<p>Presentations by group chairs of breakout session 4</p> <p>Breakout group chairs</p> <p><i>Facilitation: Tanja Hichert</i></p>
14:30 – 15:30	<p>Roundtable discussion engaging participants: What is success for Future Earth in the region after 10 years? What would be the metrics? How do we get there?</p> <ul style="list-style-type: none"> – Guy Midgley – Chief Director and Head of climate change division, South Africa National Biodiversity Institute – Mark Swilling - Programme Coordinator, University of Stellenbosch and Academic Director of the Sustainability Institute – Agnes Muthumbi - Lecturer, University of Nairobi – Julius Ibukun Agboola - Lecturer, Lagos State University – Coleen Moloney TBC - Director, Marine Research Institute, University of Cape Town – Pius Z. Yanda - Research and Education, Institute of resource assessment, University of Dar es Salaam <p><i>Facilitation: Tanja Hichert</i></p>
15:30 – 15:50	<p>Summary and next steps</p> <p>Steven Wilson</p>
15:50 – 16:20	<p>Evaluation of the meeting</p> <p>Tanja Hichert</p>
16:20 – 16:30	Closing remarks

Elizabeth Rasekoala

The Breakout group chairs, rapporteurs and Transition Team members will produce a report of the workshop.