THE IPCC FIFTH ASSESSMENT REPORT: WHAT DOES IT MEAN FOR AFRICA?

OUTREACH EVENT
10-11 November 2014  Gallagher Estate, Midrand

Think Globally... Act Locally

Transitioning to a lower carbon and climate resilient economy and society in South Africa
Concept:
Outreach event focusing on AR5 findings (WGI, II and III and Synthesis Report) and how the report affects policies (science-policy) with an African focus.

Target audience: Policymakers in Africa at national and local government level, African-based international and intergovernmental organizations, climate and disaster risk management community, civil society organizations, local science and research community, African media. Focus on participants from Southern Africa (SADC) but also other larger African countries across the continent.

Objectives

- To **raise awareness** on the outcomes of Fifth Assessment Report (AR5) of the IPCC
- To **build capacity** for media, and local science and research community and government sector
PROGRAMME

DAY 1: 10 NOVEMBER: OPENING AND AR5 WG PRESENTATIONS  
11:30 – 19:00

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DAY 2: 11 NOVEMBER: BREAKAWAY SESSIONS  
10:00 – 17:00

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DAY 1: 10 NOVEMBER: PRESENTATION OF THE OUTCOMES OF THE AR5 WGS:  
11.30 – 19.00

Masters of Ceremony (tbc) to introduce thematic speakers and Co-Chair

Working Group I: Luanne Stevens, Extraordinary Senior Lecturer, North West University (5 minutes)

Working Group II: Emma Archer, Chief Researcher, CSIR (5 minutes)

Working Group III: Enoch Liphoto (LA Chapter 9) (5 minutes)

INTRODUCTION  
11.30 – 11.35

by Maesela Kekana, Chief Director, International Climate Change, DEA

by Jean-Pascal van Ypersele, Vice-Chair of the IPCC

WGI: THE PHYSICAL SCIENCE BASIS  
11.35 – 13.00

MC for WGI: Luanne Stevens (5 minutes)

a) Overview

Speaker: Chris Reason, Lead Author (LA), AR5 WGI Chapter 9 (15 minutes)

b) Climate projections, observations and irreversibility: what does it mean for Africa

Speaker: Mxolisi Shongwe, LA, AR5 WGI, Chapter 12 (10 minutes)

c) Climate extremes in Africa focusing on precipitation, floods and drought, temperature and sea level rise

Speaker: Joseph Kanyanga, LA, AR5 WGI, Chapter 14 (10 minutes)

d) Q&A (45 minutes)
LUNCH BREAK 13.00 – 14.00

OFFICIAL OPENING 14:00 – 15:30

- Welcome address by Hon. Edna Molewa, Minister of Environmental Affairs, South Africa
- Welcome address by Ambassador H.E. Dr Horst Freitag, German Mission, South Africa
- Address: IPCC AR5 findings and Synthesis Report: Jean-Pascal van Ypersele, IPCC Vice-Chair and Youba Sokona, Co-Chair of IPCC WGIII

TEA/COFFEE BREAK 15:30 – 16:00

WGII: IMPACTS, ADAPTATION AND VULNERABILITY 16:00 – 17:25

MC for Working Group II: Emma Archer (5 minutes)

  a) Overview

    Speaker: Christopher Field, Co-Chair of WGII (15 minutes)

  b) The Regional Context

    Speaker: Bruce Hewitson, CLA AR5 WGII Chapter 21 (10 minutes)

  c) Africa: impacts, adaptation and vulnerability

    Speaker Penny Urquhart, LA AR5 WGII Chapter 22 (10 minutes)

  d) Adaptation opportunities, constrains and limits: what does it mean for Africa?

    Speaker Guy F. Midgley, CLA AR5 WGII Chapter 16 (10 minutes)

  e) Q&A (35 minutes)

WGIII: MITIGATION OF CLIMATE CHANGE 17:25 – 18:50

Working Group III: Enoch Liphoto - LA Chapter 9 (5 minutes)

  a) Overview

    Speaker: Youba Sokona, Co-Chair of WGIII (15 minutes)

  b) Mitigation pathways and measures in the context of sustainable development- the energy perspective

    Speaker: Yacob Mulugetta, CLA AR5 WGIII Chapter 7 (10 minutes)

  c) Urban Development and Built Environment

    Speaker: Diana Urge-Vorsatz, CLA AR5 WGIII Chapter 9 (10 minutes)

  d) Policy and Cooperation

    Speaker: Harald Winkler, LA AR5 WGIII Chapter 13 (10 minutes)

  e) Q&A (35 minutes)

DAY CLOSURE 18:50 – 19:00

Maesela Kekana, Chief Director, International Climate Change, DEA

Bob Scholes, CLA AR5 WGII Chapter 4
CAPACITY BUILDING FOR LOCAL SCIENCE AND RESEARCH COMMUNITY

Audience: Research and Academia

Facilitator: Bruce Hewitson, CLA AR5 WGII Chapter 21

Keynote Speaker: Jean-Pascal van Ypersele, Vice-Chair of the IPCC

Other presenters: Mark New (Professor at University of Cape Town).

- **Introduction:** Bruce Hewitson (5 minutes)
- **Keynote speech:** Jean-Pascal van Ypersele (25 minutes)
- **Short introduction on** “How can emerging local scientists become IPCC Authors?” Mark New (10-15 minutes)
- **Group time** (1 hour)
- **Report back and synthesis (how do we do well, badly, challenges and how could we change things)** (30 minutes)

Topics/Questions

1. Building a community of interface scientists
2. Informing local research agenda
3. Becoming an IPCC author
4. Addressing lack of climate data in Africa
5. Prospects to Improve Africa’s Contribution to Future assessments

LUNCH BREAK

12:30 – 13:45

SCIENCE-POLICY INTERFACE (ADAPTATION AND MITIGATION)

I. ADAPTATION

13.45 – 15.00

Theme: Policy implications and priority actions in Africa

Audience: Government representatives/researchers/NGOs

Facilitator: Chris Moseki, Science Specialist: Department of Water and Sanitation

Keynote speaker: Chris Field, Co-Chair WGII

Other Presenters: Penny Urquhart, LA of AR5 WGII Chapter 22 on Africa

Colleen Vogel (tbc), LA of AR5 WGII Chapter 12 on Human Security
• **Introduction:** Chris Moseki

• **Overview** by the keynote speaker: Chris Field on “Identifying the gaps from the IPCC AR5 report on Adaptation: what are policy implications from Africa?” (15 minutes)

• **Short** introduction presentation “Building resilience and reduce exposure and vulnerability in Africa” by Colleen Vogel (5-7 minutes each speaker)

• **Short** introduction presentation “Climate change, livelihood and poverty” by Penny Urguhart (5-7 minutes each speaker)

• Presentations and Discussions, stimulated by the presenter (40 - 50 min) to cover:
  - Building resilience and reduce exposure and vulnerability
  - Livelihood and poverty eradication
  - What must be done on policy-science space
  - Further adaptation research work

**TEA/COFFEE BREAK**
15:00 – 15:15

II. MITIGATION 15.15 – 16.30

**Audience:** Government representatives/researchers/NGOs

**Facilitator:** Harald Winkler, LA AR5 WGIII Chapter 13

**Keynote speaker:** Youba Sokona, Co-Chair WGIII

**Other presenters:** Yacob Mulugeta, CLA AR5 WGIII Chapter 7

• **Introduction:** Harald Winkler

• **Overview** by the keynote speaker on “What does WGIII report mean for Africa development agenda and how to respond to the findings of AR5 report on Mitigation?”, Youba Sokona (15 minutes)

• **Short** introduction presentations will follow by the other presentations (5-7 min)
  - Responding to the findings of AR5 report on Mitigation: National Mitigation Actions: Case Study from Morocco, Abdalah Mokssit (tbc))
  - How can we accelerate renewable energy to unlock opportunities in Africa: Assessing the strengths and weaknesses of various mitigation policy instruments and policy packages?, Yacob Mulugetta

• **Discussions** (40-50 minutes): The facilitator will stimulate the discussions. Discussions to focus on how to respond to the findings of AR5 report on Mitigation?
  - Regional mitigation actions
  - National mitigation actions
  - Community mitigation actions

**BREAKAWAY REPORT AND CLOSURE:**
16:30 -17:00

✓ Facilitators report back to plenary (15 minutes)
✓ Jean-Pascal van Ypersele, Vice-Chair of the IPCC (5 minutes)
✓ Carl Wesselink, Regional Director: CDKN (5 minutes)
✓ Judy Beaumont, Deputy Director-General: Climate Change & Air Quality (5 minutes)
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