

AIACC Africa Region Workshop
Mount Amanzi Lodge, Hartebeespoortdam, South Africa
11-13 March 2003

The workshop is organized into Plenary Sessions, Parallel Sessions, Small Group Consultations, Carousels, and Tutorials. Plenary Sessions are scheduled for the first morning and the end of each day. The end-of-day plenaries will include, among other things, reports and discussion of action items from Parallel Sessions and Small Group Consultations and discussion/agreement of actions and agenda for the next day.

Carousels (a rotating brainstorming exercise) are scheduled for the first morning to generate initial, quick answers to questions about linking AIACC with policy and stakeholders, summary/synthesis outputs, and a possible 2nd phase of AIACC. We will return to these questions in Session E on the last day.

Most of the workshop time will be spent in **Parallel Sessions**. The purposes of Parallel Sessions A, B, C, and D are to share information about AIACC projects' research and to discuss problems hampering this research and potential solutions. The output of each session is intended to be a list of joint action items to assist each other in overcoming identified problems.

These parallel sessions are organized around the following research areas: (a) climate, socioeconomic and environmental data, trends and scenarios, (b) climate sensitivities and impacts of exposed systems, (c) vulnerability and adaptive capacity, and (d) adaptation strategies and their evaluation. Session A is divided into 2 breakout groups, one for climate data, trends and scenarios; the 2nd for socioeconomic and environmental data, trends and scenarios. For Sessions B, C, and D there will be 3 breakout groups: agriculture and land use/cover, water, and human settlements. Each of these sessions will begin with 2 presentations of 15 minutes each by AIACC investigators (**time limit to be strictly enforced**). The presentations are to address the following: (i) statement of the research questions being investigated, (ii) description of the approach adopted for investigation of these questions, (iii) initial results if available, (iv) identification of major problems encountered or anticipated, and (v) solutions for overcoming problems. The presentations will be followed by discussions of problems encountered by other projects and possible solutions and development of a list of action items.

For Parallel Sessions E, breakout groups will discuss (i) linking AIACC with policy and stakeholders, (ii) planning for AIACC summary/synthesis outputs, and (iii) possibilities and objectives for a 2nd phase of AIACC. Reports are to be prepared for the Plenary.

Two **Tutorial sessions** are planned. The purpose of the tutorials is to provide workshop participants with information about the capabilities of different analytic approaches, models, or tools, their basic concepts, and how one would implement them (their data requirements, calibration and validation requirements, necessary expertise of the user, available technical support, etc.).

Time for **Small Group Consultations** has been included in the daily schedule. Please also use other times in the early mornings, evenings, lunch and breaks for these consultations. The consultations are opportunities for you to meet with and seek advice and assistance from AIACC mentors, colleagues from other AIACC studies, and other experts attending the workshop. They are also an opportunity for your AIACC study team to meet and work on its own. Each project should schedule a time to meet with AIACC mentors and staff and with Ana Iglisias (regarding the AIACC/CCSR web-database).

Day 1: Tuesday, March 11

- 8:30 Plenary I: Opening of AIACC Africa Region Workshop
Chair:Bob Scholes
Rapporteur: Jenny Cooper
- Welcome, Logistics – Bob Scholes
 - Workshop Objectives – Neil Leary
 - AIACC/CCSR Database and Website – Ana Iglesias
 - CD of Africa Weather Station Data and GCM Projections – Bruce Hewitson
 - Instructions for Carousels – Neil Leary
- 9:30 Carousels:
- Linking AIACC to Policy and Stakeholders
Facilitator: Rolph Payet. Rapporteurs: Bill Dougherty, Tim Downs
 - Planning for AIACC Summary and Synthesis Outputs
Facilitator: Neil Leary. Rapporteurs: Gina Ziervogel, Sara Beresford, Patrick Mushove
 - Building Upon AIACC - A 2nd Phase of Capacity Building?
Facilitator: Tom Downing. Rapporteurs: Isabelle Niang Diopp, Emma Archer, Mike Rutherford
- 10:00 Sign-up for Small Group Consultations. Each AIACC project team should schedule appointments to meet with AIACC mentors and staff. Each group should also sign-up for time to meet with Ana Iglesias about AIACC/CCSR database.
Coffee, tea
- 10:30 Parallel Sessions A: Data, Trends and Scenarios
- A1: Climate data, trends & scenarios
 - **Chair:** Bruce Hewitson (AF07)
 - **Rapporteur:**Barend Erasmus (AF04)
 - **Speaker:** Greg Jenkins (AF20). GCM Scenarios for regional studies over West Africa
 - **Speaker:** Mark Tadross (AF07). How well do GCMs simulate the present climate?
 - A2: Socioeconomic & environmental data, trends & scenarios
 - **Chair:** Jabavu Nkomo (AF47)
 - **Rapporteur:**Molly Hellmuth (AF47)
 - **Speaker:** Pius Yanda (AF91). Socioeconomic characteristics of malaria and cholera in the Lake Victoria area.
 - **Speaker:** Wills Agricole and Ismael Bachirou (SIS90). Constraints and problems in the use of long-term data series in socio-economic and environmental analyses.
- 12:30 Lunch
Small Group Consultations
- 2:00 Tutorial Session 1

Participants to sign-up for tutorial topics on Monday. Tutorials will be scheduled based on level of interest.

4:00 Small Group Consultations
Coffee, tea

5:00 Plenary II: Wrap-up of Day 1

- **Chair:** Amadou Gaye
- **Rapporteur:** Gregg Jenkins
- Reports of Action Items from Parallel Sessions
- Reports on Small Group Consultations
- Report on Carousels

Evening Small Group Consultations

Day 2: Wednesday, March 12

8:30 Parallel Sessions B: Climate Sensitivities and Impacts

- B1: Agriculture, land cover & use
 - **Chair:** James Adejuwon (AF23)
 - **Rapporteur:** Yetunde Odeyemi (AF23)
 - **Speaker:** Mike Rutherford (AF04). Modeling plant and animal responses to climate variability and change
 - **Speaker:** Abdoulaye Sarr (AF20). Climate sensitivity and impacts on agriculture in the Sahel
- B2: Water
 - **Chair:** Amadou Gaye (AF20)
 - **Rapporteur:** Andre Kamga (AF20)
 - **Speaker:** B.P. Parida (AF42). Likely Effect of Climate Change on Runoff from the Limpopo Basin-Botswana
 - **Speaker:** Francis Mutua (AF91). Factoring climate change in hydrologic modeling.
- B3: Human Settlements
 - **Chair:** Abou Berthe (AF92)
 - **Rapporteur:** AF90
 - **Speaker:** Andrew Githeko (AF91). A retrospective assessment of vulnerability and impacts of malaria and cholera epidemics in the East African highlands and the Lake Victoria Basin.
 - **Speaker:** AF90

10:30 Coffee, tea

11:00 Tutorial Session 2
Participants to sign-up for tutorial topics on Monday. Tutorials will be scheduled based on level of interest.

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- 12:30 Lunch
Small Group Consultations
- 2:00 Parallel Sessions C: Vulnerability and Adaptive Capacity
- C1: Agriculture, land cover & use
 - **Chair:** Opha Pauline Dube (AF42)
 - **Rapporteur:** Mark Tadross (AF07)
 - **Speaker:** Akin Farinde (AF23). Institutional strategies for the enhancement of resilience in Nigeria's agricultural sector.
 - **Speaker:** Patrick Mushove and Emanuel Matsika (AF38). Assessment of Drought Impacts: Results of a Dialogue with Stakeholders

 - C2: Water
 - **Session Cancelled**
 - C3: Human Settlements
 - **Chair:** Gina Ziervogel
 - **Rapporteur:** Balgis Osman (AF14)
 - **Speaker:** Anthony Nyong (AF92). The way we live: livelihood structures in the Sahel
 - **Speaker:** Bill Dougherty (AF14). Assessing the impacts of sustainable livelihood strategies on community adaptive capacity.
- 3:30 Coffee, tea
- 4:00 Parallel Sessions C - resumed
- 5:00 Plenary III: Wrap-up of Day 2
- **Chair:** Neil Leary
 - **Rapporteur:** Patrick Mushove
 - National Communications & New Guidelines, Philip Weech
 - Reports of Action Items from Parallel Sessions
 - Reports on Small Group Consultations
- Evening Small Group Consultations

Day 3: Thursday, March 13

- 8:30 Parallel Sessions D: Adaptation Strategies and Evaluation
- D1: Agriculture, land cover & use
 - **Chair:** Graham von Maltitz (AF04)
 - **Rapporteur:** Emma Archer
 - **Speaker:** Chinyere Adeyemi (AF23). Breeding improved crop varieties for adaptation: effects and breakthroughs in Nigeria
 - **Speaker:** Jenny Cooper (AF04). Land use and biodiversity conservation

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- D2: Water
 - **Chair:** Shem Wandiga (AF91)
 - **Rapporteur:** Senny Masike (AF42)
 - **Speaker:** Namomi Moswete (AF42). Eco-tourism: a potential adaptation strategy to climate change in the Greater Limpopo Basin
 - **Speaker:** Mac Callaway (AF47). Benefit-cost analysis of adaptation measures.
- D3: Human Settlements
 - **Chair:** Nagmeldin Goutbi or Balgis Osman (AF14)
 - **Rapporteur:** Anthony Nyong (AF92)
 - **Speaker:** Paul Desanker (AF38). Methods for Identifying Urgent Adaptation Actions under the LDC NAPA
 - **Speaker:** Nagmeldin Goutbi or Balgis Osman (AF14). Supporting community adaptation strategies with policy analysis.

10:30 Coffee, tea

11:00 Parallel Sessions E: Policy, Synthesis, and AIACC Future

- E1: Linking AIACC with Policy and Stakeholders
 - **Chair:** Bubu Jallow
 - **Rapporteur:** Bill Dougherty
- E2: Planning for AIACC summary and synthesis outputs
 - **Chair:** Paul Desanker
 - **Rapporteur:** Gina Ziervogel
- E3: Building upon AIACC – a 2nd Phase of Capacity Building
 - **Chair:** Isabelle Niang-Diopp
 - **Rapporteur:** Emma Archer

12:30 Lunch

Small Group Consultations

3:00 Plenary IV: Wrap-up of Workshop

- **Chair:** Neil Leary and Bob Scholes
- **Rapporteur:** Sara Beresford
- Climate change, vulnerability and poverty in Africa, Ravi Sharma, UNEP
- Reports of Action Items from Parallel Sessions
- Final Business