



**INTERNATIONAL FOOD POLICY RESEARCH INSTITUTE**  
*sustainable solutions for ending hunger and poverty*



## **How can African agriculture adapt to climate change? Insights for South Africa**

Roode Vallei Country Lodge, Pretoria

**September 17-18, 2007**

### ***FINAL AGENDA***

#### Objectives:

- Presentation of preliminary findings of the project Food and Water Security under Global Change: Developing Adaptive Capacity with a Focus on Rural Africa funded by the Advisory Service on Agricultural Research for Development of the German Government
- Presentation of complementary research results from researchers in South Africa and elsewhere
- Insights from policymakers and other attendants on adaptation strategies for South Africa

All presentations and discussion will focus on policy insights and will be non-technical. (Technical) papers will be available for each of the presentations.

### **Monday September 17**

12.00-13.00 Lunch

#### **Session 1 – Findings from the IFPRI-CEEPA Project**

*Chair Mark Rosegrant*

13.00-13.30 Introduction to the Conference – *Rashid Hassan, CEEPA and Claudia Ringler, IFPRI*

13.30-14.00 Introduction to the BMZ Project and Key Policy Messages – *Claudia Ringler, IFPRI*

14.00-14.30 Vulnerability to climate change – case study of the Limpopo basin, South Africa (*Claudia Ringler, IFPRI, on behalf of Sharon Shewmake, U. California at Davis*)

14.30-15.00 Adaptation to Climate Change in Southern Africa - *Charles Nhemachena, CEEPA*

15.00-15.30 *Coffee/Tea Break*

## **Session 2 – Research in South Africa and Abroad**

- Chair*            *Mark Tadross, CSAG, University of Cape Town*
- 15.30-16.00    Results from the GEF-CEEPA project on Agriculture and Climate Change in Africa – *Rashid Hassan, CEEPA*
- 16.00-16.30    Climate Change and Agricultural and Rural Development in Asia: Impact, Mitigation, and Risk Management – *Mark Rosegrant, IFPRI*
- 16.30-17.00    Climate change research and adaptation processes, South Africa - *BM Molohe, Sylvester Mpandeli, and Prof Robin Barnard, ARC*
- 17.00-17.30    Discussion and Summary of the Day – *Claudia Ringler, IFPRI*
- 19.00            *Dinner*

## **Tuesday September 18**

### **Session 3 – Adaptation Strategies for South Africa**

- Chair*            *Rashid Hassan, CEEPA*
- 8.30-9.00        Production functions with climate change impacts – Limpopo basin, South Africa - *Wisdom Akpalu, CEEPA*
- 9.00-10.00      Global impacts of climate change on poverty – based on the linkage between GTAP-W, poverty module, and IMPACT-WATER - *Alvaro Calzadilla, U. Hamburg and Tingju Zhu, IFPRI*
- 10.00-10.30     Climate Change and the South African Agricultural Sector: What change are we adapting to? – *Roland Schulze, University of KwaZulu-Natal*
- 10.30-11.00     Adaptation scenarios – based on stakeholder workshops for South Africa – and introduction to working groups – *Claudia Ringler, IFPRI*
- 11.00-11.30     *Coffee/Tea break*
- 11.30-12.30     Three facilitated working groups on adaptation scenarios
- 12.30-13.30     *Lunch*
- 13.30-14.30     Continuation of working groups
- 14.30-15.30     Panel presentation of working group results (20 minutes each)
- 15.30-16.00     *Coffee/Tea break*
- 16.00-17.00     Panel: How to move forward with climate change research in South Africa – focus on investment requirements and needs (*Mark Rosegrant, Rashid Hassan, BM Molohe, TBC*)
- 17.00            Closing