

## AFRICAN CLIMATE & DEVELOPMENT INITIATIVE

# 2<sup>ND</sup> STUDENT CONFERENCE ON CLIMATE CHANGE AND DEVELOPMENT 2016

DATE: 18<sup>th</sup> MARCH 2016

VENUE: COLOPHON ROOM, RESEARCH CENTRE, KIRSTENBOSCH BOTANICAL GARDENS

### ABOUT THE ACDI

The African Climate & Development Initiative (ACDI) is the University's active response to the climate change and development challenge. Established in 2011 by the University of Cape Town's Vice-Chancellor Max Price, the ACDI is an interdisciplinary research hub that brings together academics, NGOs, business and government to co-produce and test new insights, evidence and innovations that will help to solve Africa's climate and development challenges.

### CONFERENCE PROGRAMME

9:00 - 9:45



WELCOME ADDRESS

**Professor Mark New**

Director, African Climate & Development Initiative

*Is South Africa on a Sustainable Development Trajectory?*

9:45 - 10:00

ICE-BREAKER INTRODUCTION SESSION

10:00- 11:00

**SESSION 1: BIOPHYSICAL CLIMATE SCIENCE**

Chair: Associate Professor Res Altwegg

10:00 - 10:15



**Ffion Atkins**

PhD candidate, Dept. Oceanography, University of Cape Town.

MSc Water and Coastal Management, University of Cadiz, Spain.

*Winds of change, phytoplankton diversity and nitrogen cycling in the southern Benguela upwelling system.*

10:15 - 10:30



**Fannie W. Shabangu**

PhD candidate, Dept. of Zoology and Entomology, University of Pretoria.

MSc in Fisheries Biology and Management, University of Bergen, Norway.

*Potential effects of climate change on the distribution and acoustic behaviour of Antarctic blue whales*

---

10:30 - 10:45



**Marc S. Burman**

PhD candidate, Dept. of Biological Sciences, University of Cape Town.  
BSc (Hons) (Ecology and Systematics), University of Cape Town  
*Global climate changes cause complex responses in Palearctic barn swallows in South Africa, 1987–2012*

---

10:45 - 11:00



**Stefaan Conradie**

MSc in Environmental and Geographical Science, University of Cape Town.  
*Does it matter where we've come from? : Influence of initial conditions on regional climate states in a climate system model.*

---

11:00 - 11:30

TEA

---

11:30- 12:30

**SESSION 2: CLIMATE CHANGE, POVERTY AND DEVELOPMENT**

Chair: Professor Mark New

---

11:30 - 11:45



**Kimenthrie Pillay**

MPhil Energy & Sustainable Development, University of Cape Town.  
*Crowd-sourcing Energy Poverty Data in South African Informal Settlements: The Opportunity of Mobile Phone Technology*

---

11:45 - 12:00



**Emily Tyler**

PhD Candidate, Chemical Engineering, University of Cape Town.  
MCom Advanced Financial Management, University of Cape Town.  
*Considering a complexity theory lens for climate mitigation policy in a development context*

---

12:00 - 12:30

NETWORKING OPPORTUNITY:  
*Climate change speed dating (part 1)*

---

12:30 - 13:30

LUNCH

---

13:30 – 15:30

**SESSION 2 CONTINUED**

---

13:30 - 13:45



**Ngayu Munuo**

PhD Candidate, Dept. of Public Law, University of Cape Town.  
Masters (Law), University of the Western Cape.  
*Towards the design of a Reflexive Regulatory Framework to 'Reduce and Control Emissions from Land Deforestation and Degradation and Enhancing Carbon Stocks' (REDD+): A perspective from Select Developing Countries*

---

---

13:45 - 14:00



**Louise Gammage**

PhD candidate, Marine Research Institute, University of Cape Town.  
MSc (Biological Sciences) – University of Cape Town.

*Considering one's options when the fish leave: A case study of the commercial handline fishery of South Africa's southern Cape.*

---

14:00 - 14:15



**Steffanie Musingarabwi**

MPhil. Climate Change and Sustainable Development, African Climate & Development Initiative, University of Cape Town.  
(Honours) BSS in Geography and Environmental Studies, Monash South Africa.

*Time-use and wellbeing in semi-arid regions: A case study of Ones, Namibia*

---

14:15 - 14:45

NETWORKING OPPORTUNITY:

*Climate change speed dating (part 2)*

---

14:45 - 15:15



**Penny Price**

Independent Consultant

*The importance of knowledge exchanges in the tough decision making space of climate adaptation*

---

15:15 - 15:30

PRIZES AND CLOSING

---

[www.acdi.uct.ac.za](http://www.acdi.uct.ac.za)



## VISION

*To co-create a developing world that has transitioned to a sustainable growth trajectory and that has the capacity to mitigate and adapt to climate change and its related issues. We achieve this by collaborating with partners and communities to support the effective management of these challenges in Africa and beyond.*

[www.acdi.uct.ac.za](http://www.acdi.uct.ac.za)  
[info@acdi.uct.ac.za](mailto:info@acdi.uct.ac.za)  
(+27) (0) 21 650 5598

6th Floor  
Geological Sciences Building  
University of Cape Town  
Cape Town  
South Africa

 @ACDLUCT  
 AfricanClimateDevelopmentInitiative

