International Council for science
Regional Office for Africa (ICSU-ROA)

Dr Rocky Skeef
Acting Director
ICSU Make-Up

1931- Birth of International Council for Scientific Unions (ICSU)

Secretariat based in Paris

Membership comprising:
• Scientific unions – 30
• National scientific members – 121
• International scientific associates - 21
ICSU Mission

To Strengthen International Science for the Benefit of Society

By mobilising knowledge & resources of science community to:

1. Identify and address major issues of importance to science and society,
2. Facilitate interaction amongst scientists across all disciplines and from all countries,
3. Promote the participation of all scientists, without any segregation, in the international scientific endeavour,
4. Provide independent, authoritative advice to stimulate constructive dialogue between the scientific community and governments, civil society and the private sector.
ICSU Regional Offices

Aim:
To ensure that the voice of developing countries influences the international agenda and that scientists from the South are fully involved in international research guided by regional priorities

- **Africa** (South Africa) inaugurated 1 September 2005
- **Asia and the Pacific** (Malaysia) inaugurated 19 September 2006
- **Latin America and the Caribbean** (Brazil) inaugurated in December 2006
African ICSU Memberships & Strategic Advice

ICSU members & associates in Africa = 29

• ICSU-RCA provides strategic oversight/guidance/advice
• Nominations currently on & closing 15 October 2010
ICSU-ROA Key Projects

1. Science Plans

Developed through a consultative process between 2006 & 2007 involving scientists from across Africa
Science Plans Address ICSU-ROA Priorities & Align with MDGs

1. Poverty and hunger
2. Child mortality
3. Maternal health
4. Diseases (HIV/AIDS, malaria, …)
5. Environmental sustainability
6. Partnership for Development
7. Gender equality
8. Education

Health (and Human Well-being)

Hazards/Disasters; Global Change

Energy for Sustainable Development

Cross-cutting
ICSU ROA Science Plans

Sustainable Energy in sub-Saharan Africa
July 2007

Natural and Human-induced Hazards and Disasters in sub-Saharan Africa
September 2007

Health and Human Well-being in sub-Saharan Africa
November 2007

Global Environmental Change (including Climate Change and Adaptation) in sub-Saharan Africa
March 2008
Hazards & Disasters: Major Concerns

1. Knowledge of the events:
2. Preparedness for the events:
3. Impact of the events:
4. Vulnerability to events
Health & Human Well-being: Major Concerns

1. Food security:

2. Food Safety:

3. Burden of Disease:

4. The strength of TM

5. Water and Sanitation
Sustainable Energy:

Key concerns

1. Energy production and consumption in Africa
2. Energy access in Africa
3. Energy sources in Africa
Global Env. Change: Major Concerns

1. Land degradation:
2. Temperature regime change:
3. Rainfall regime change:
4. Atmospheric pollution:
ICSU ROA Projects:
Implementation Strategy:

- Large scale regional projects
- Involvement of African national governments & intergovernmental bodies
- Involvement of African institutions
- Involvement of the African Diaspora and their host institutions
- Involvement of relevant ICSU Unions
- Partnership with other international organisations and agencies
- Incorporation of capacity building
ICSU-ROA Key Projects

2. Book Projects

Objectives

- To showcase African success stories on issues of scientific research and its development to serve the society
- To show African scientists as visible players in ST and innovation for sustainable development of the continent
ICSU ROA Book Project 1

Topics
• Health
• Information Technology
• Environment
• Energy

R300
ICSU ROA Book Project 2

**Title:** Chemistry for Sustainable Development in Africa

**Publisher:** Springer-Verlag

ICSU ROA Book Project 3

**Title:** Science of Climate Change in Africa

**Publisher:** ICSU ROA & UNECA

**Call for manuscripts** – submitted by 30 Jul 2010

Also at [www.icsu-africa.org](http://www.icsu-africa.org)
Thank You

For more information visit:
www.icsu-africa.org

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