

**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, ...)**

**Health (and Human Well-being)**

5. **Environmental sustainability**

**Hazards/Disasters;  
Global Change**

6. **Partnership for Development**

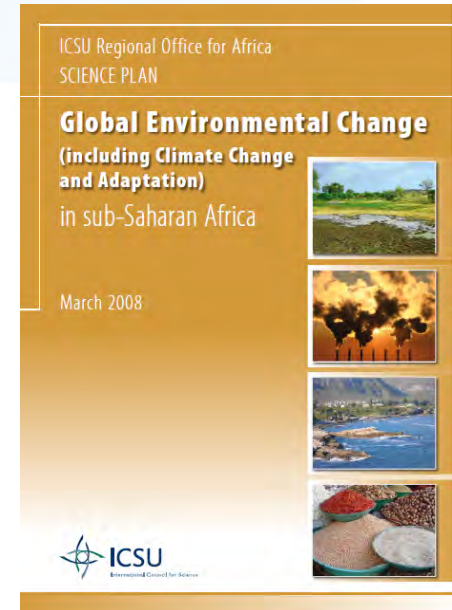
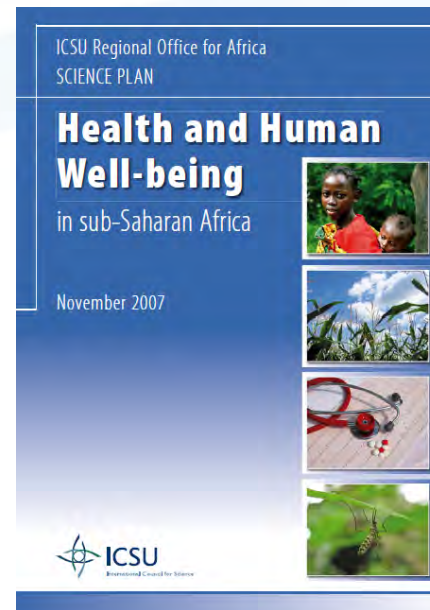
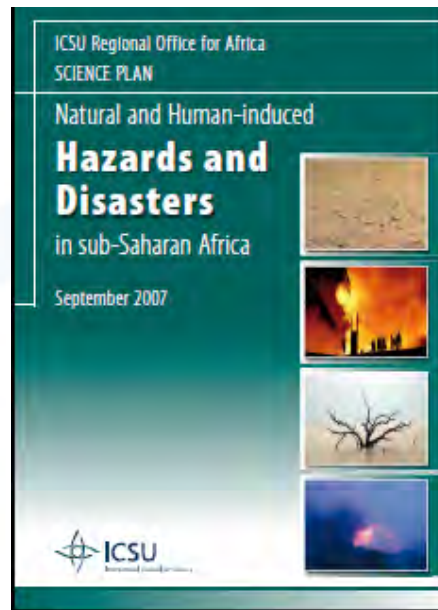
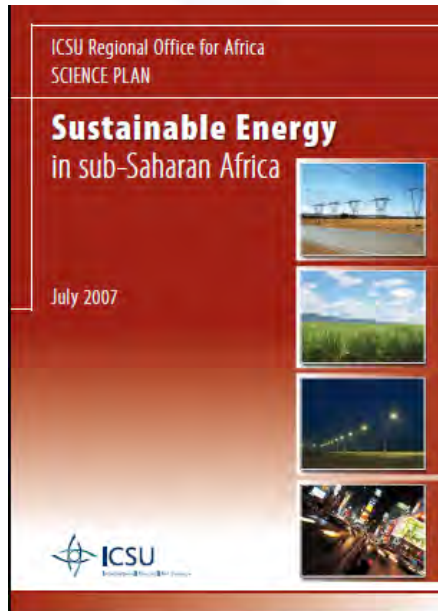
**Energy for Sustainable  
Development**

7. **Gender equality**

8. **Education**

**Cross-cutting**

# ICSU ROA Science Plans





# 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:**



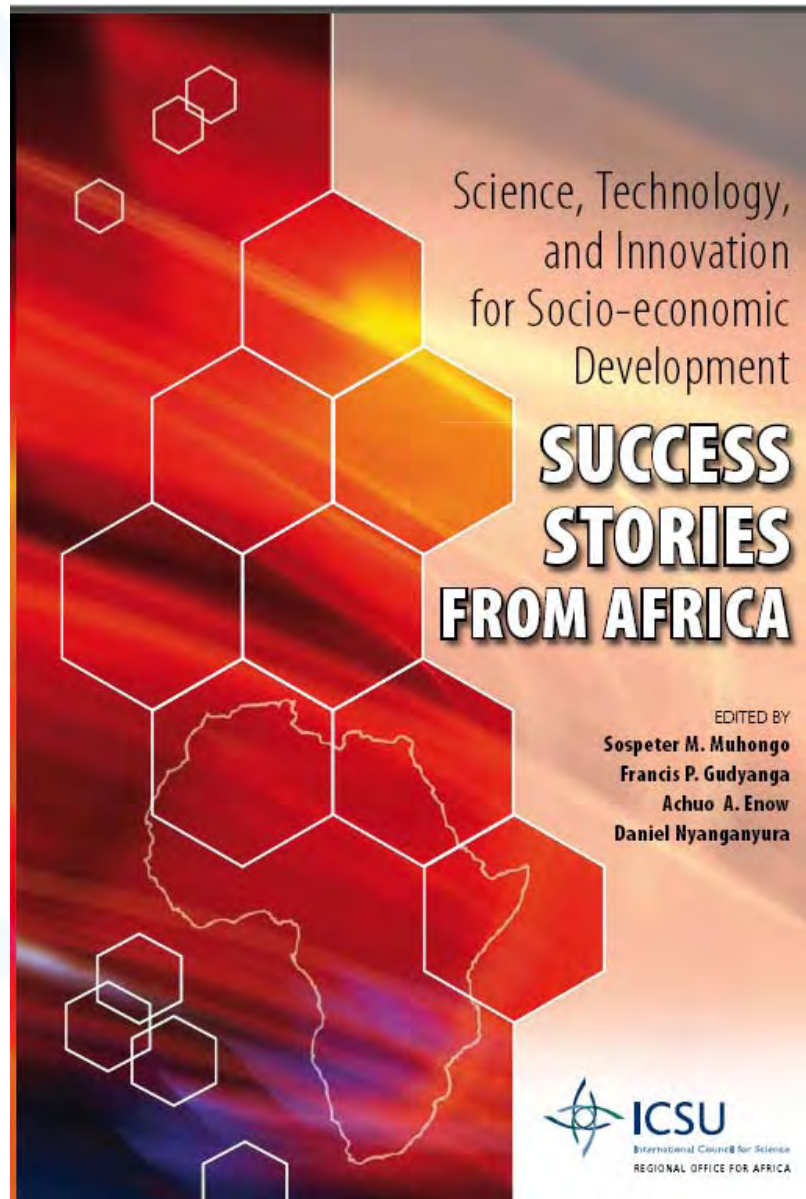
- **Large scale regional projects**
- **Involvement of African national governments & intergovernmental bodies**
- **Involvement of African institutions**
- **Involvement of the African Diaspora and their host institutions**
- **Involvement of relevant ICSU Unions**
- **Partnership with other international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

## 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](http://www.icsu-africa.org)**

**Key contact persons:**

**Dr. Achuo Enow**

**[a.enow@icsu-africa.org](mailto:a.enow@icsu-africa.org)**

**Dr. Daniel Nyanganyura**

**[d.nyanganyura@icsu-africa.org](mailto:d.nyanganyura@icsu-africa.org)**