

# Western Indian Ocean Research Initiative in Marine Science and Education (WIORISE)



**UDSM**



**UEM**



**UCT**

Dr Margareth Kyewalyanga  
Dr. Musa Chacha  
Mr. Juma Silayo

Prof. Antonio Hoguane

Prof. Chris Reason

**RISE MEETING, KOPANONG JNB  
5<sup>TH</sup> OCTOBER 2010**

# Background

- ❑ The WIO-RISE grant from Carnegie RISE amounted to US\$ 800,000 for two and half years
- ❑ Project formally started in December 2008
- ❑ Main goal: to support research and training in marine sciences in the Western Indian Ocean region
  - This presentation will highlight achievements and some challenges

# Achievements:

## Manpower development

- ❖ Twelve postgraduate students:  
6 pursuing Ph.D. and 6 pursuing M.Sc.
- ❖ Presently 8 students are at IMS and 4 students are at UCT.
- ❖ Nationalities:
  - 4 Tanzanians
  - 2 Mozambicans
  - 2 South Africans
  - 2 Mauritians
  - 2 Kenyans

# Students

| S/No | Name                      | Institution of Study | Nationality  | Gender | Degree | Institution employed/earmarked                   |
|------|---------------------------|----------------------|--------------|--------|--------|--|
| 1    | Nehama, Fialho            | UCT                  | Mozambique   | M      | Ph.D.  | UEM  |
| 2    | Collins, Charine          | UCT                  | South Africa | F      | Ph.D.  | To be employed at UCT                            |
| 3    | Mwonjoria, Francis M.     | UDSM                 | Kenya        | M      | Ph.D.  | Ministry of Fisheries, Kenya.<br>Earmarked - UoN |
| 4    | Pamba, Siajali            | UDSM                 | Tanzania     | M      | Ph.D.. | UDSM   |
| 5    | Mutia, Grace M.           | UDSM                 | Kenya        | F      | Ph.D.  | University of Nairobi, Kenya                     |
| 6    | Manyilizu, Majuto,        | UCT                  | Tanzania     | M      | Ph.D.  | University of Dodoma, Tanzania                   |
| 7    | Jolly, Kathryn            | UCT                  | South Africa | F      | M.Sc.  | Earmarked for UCT                                |
| 8    | Mrema, Lightness          | UDSM                 | Tanzania     | F      | M.Sc.  | Earmarked at UDSM                                |
| 9    | Ravina, Joseph J.         | UDSM                 | Mauritius    | M      | M.Sc.  | Earmarked, University of Mauritius               |
| 10   | Langa, Avelino            | UDSM                 | Mozambique   | M      | M.Sc.  | Employed, UEM                                    |
| 11   | Chumun, Pramod            | IMS                  | Mauritius    | M      | M.Sc.  | Earmarked, University of Mauritius               |
| 12   | Mwita, Robert Christopher | UDSM                 | Tanzania     | M      | M.Sc.  | Employed, UDSM                                   |



**The WIORISE Family**

# Achievements:

## Establishment of Partnerships

- Due to WIORISE initiatives, new partnerships have been developed in the region
  - Recruitment of students from Mauritius and Kenya
  - Strong link between IMS and School of Biological Sciences of the University of Mauritius
  - Sharing of equipment (especially for molecular studies) between the two institutions

# Achievements:

## Network Interaction

- ❖ WIORISE workshop “*Development of winning research proposals and scientific paper writing*” 19-21 May 2010
- ❖ It brought together all the WIORISE students and junior faculty member from the nodes - **so that students also get to know each other**
- ❖ Bringing everyone together would strengthen **collaboration**, encourage **joint research** after graduation and establish **mentoring**



The WIORISE Family during the Workshop



# Achievements:

## Enhancement of Academic Mobility

- ❑ The Interaction developed over time resulted in sharing lecturers between UDSM and UEM
- ❑ IMS was able to get an External Examiner from UoN: a co-supervisor of a Ph.D. Student



# Achievements:

## Improvement of communication

- ❑ Vsat internet installation at UEM has enhanced research and teaching activities at the SMCS
  - ✓ Due to availability of internet, the SMCS was selected as a center for e-learning in Mozambique
- ❑ There has been an improvement of bandwidth and hence improved internet speed at the IMS

# Achievements:

## Acquisition of Research Equipment

E.g. Acquisition of the Boat “PLUMA” at UEM improved research activities



# Achievements: Strengthening Research Development

Grants to support  
Faculty members for  
capacity building



# Some Challenges

- ❖ Language barrier - official WIO languages: English/French/Portuguese
- ❖ Two students from Mauritius were not willing to study outside their country
- ❖ One PhD student originally enrolled at the University of Cape Town was offered an employment at the UDOM.
- ❖ Lack of equipment needed for students research at some of the nodes

# Acknowledgements

□ We are very grateful to:

- ✓ Carnegie Corporation of New York – Funding
- ✓ Leadership at the Science Initiative Group -  
Institute for Advanced Studies -- Coordination
- ✓ Organisers of the RISE Conferences -- Logistics
- ✓ Universities Administration (UDSM,UEM,UCT)

Thank you very much

Asante sana

Muito obrigado

Merci beaucoup