Western Indian Ocean Research Initiative in Marine Sciences and Education
Jan - October 2011

UDSM  UEM  UCT

RISE MEETING, KAMPALA
14-15 OCTOBER 2011
AIM

- **WIORISE** aims at building scientific and technological capacity and catalyzing excellence in research and training in marine science in the WIO-Region

- **For**
  - Sustainable development,
  - Utilization of coastal and marine resources and
  - Protection of the coastal and marine environment.
Objectives

- Graduate training and attract the best graduate students in the WIO-Region

- Specialized field and laboratory facilities to support research in marine sciences, education and technology

- Opportunities to visiting faculty from outside and within the WIO region thereby enhancing technology transfer
Specific objectives

- Research funding and opportunities for WIO-Regional faculty and students
- Enhance communication between the network nodes by upgrading internet connectivity and promoting ICT in teaching and learning
- Enhance regional collaboration in marine sciences and technology: education, research and development
Manpower Development in the WIO-Region

- Recruited 21 postgraduate students
- Currently 20 postgraduate students are in the programme and one student from Madagascar is expected to join UCT for MSc studies in January 2012
- In 2011, 5 MSc students - earned degrees
  - UCT - 1
  - UDSM - 4
- In 2012, 5 PhD and 3 MSc to graduate
  - UCT - 2 PhD
  - UDSM - 3 PhD and 1 MSc
  - UEM - 1 MSc
Workshop/Training/Conference

- Fialho Nehama, a PhD student was a facilitator - training course on Operational Oceanography at Tutu-Nansen Centre in CT

- Siajali Pamba attended a training course at the University of Cape Town to learn MIKE 21 which is an advanced software created by the Danish Hydraulic Institute (DHL)

- Avelino Langa, Siajali Pamba, Majuto Manyilizu, Charine Collins and Fialho Nehama attended a training course at the University of Cape Town organized by the European Advanced Light Microscopy Network (EAMNET)

- Charine Collins – gave a presentation at SA Atmospheric Sciences conference, visited German university (Kiel) for interaction on modelling
Workshop/Training

- Avelino Langa attended a workshop in Mauritius - “Towards an Observing System for the Greater Agulhas System: Building links and Capacity for East African Participation.”

- Siajali Pamba, Charine Collins, Francis Mwonjoria and Majuto Manyilizu are expected to attend the Seventh Western Indian Ocean Marine Science Association (WIOOMSA) Conference in Mombasa, Kenya from 24-29 October 2011
Faculty exchange

- To offer courses at the node in which such expertise is lacking.
  - 2 Lecturers from UDSM was facilitated to offer courses at the School of Marine and Coastal Sciences
  - 1 Professor from Stockholm University (Sweden) offered a course at IMS
Research Collaboration

• Stephano Mazilli, a Cambridge University PhD student is doing a field research for his thesis at SMCS, UEM – using research facilities established by WIORISE

• Staff from Mauritius Research Council are attending a training on seaweed farming at IMS – one of the staff is a Post RISE student
Interactions with other RISE Networks

- Christopher Robert was hosted by Prof. Charles de Konig (University of Wits) of SABINA Network to acquire NMR and MS Spectroscopic data.

- Thanks to Mgani, Arlen Lori for providing the link.
TWAS & UNEP

- TWAS has developed IMS profile booklet - increase IMS visibility - enhance collaboration

- UNEP - Secretariat of Nairobi Convention funded IMS to host and organize a Training course on leadership in environmental management for oceans and coasts in the WIO Region
Challenges - Solved

- Language Barrier
  - A student from Madagascar will start MSc study at UCT – January 2012

- Tuition fees for students from SADC
  - UDSM has formally declared to honour the SADC Protocol on Higher Education and Training
Acknowledgement

- Carnegie-RISE for financial support

- SIG – for coordination

- UDSM, UEM and UCT for infrastructure

- TWAS – SIG for developing IMS Profile
Thank you