



The African
Academy of Sciences **SIG** Science Initiative Group
Institute for Advanced Study

MAKERERE UNIVERSITY

IN THE
REGIONAL INITIATIVE IN SCIENCE AND
EDUCATION

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BEFORE RISE & SIMILAR NETWORKS

- University was working as entity silo
- Even within the University, Departments were working in isolation.
- Sharing of information and Innovations was limited
- One Dept would not know strengths of the other
- One's weaknesses are also difficult to know
- Stifled synergy and rates of achievement

MAKERERE & RISE

- Under RISE, MAKERERE found partners
- University opened up to colleagues in a formalized and intensified way.
- University of Nairobi & Sokoine University of Agriculture (**RISE-AFNNET**)

**AFRICAN NATURAL PRODUCTS RESEARCH
AND TRAINING NETWORK
(RISE - AFNNET)
REGIONAL INITIATIVE IN SCIENCE AND EDUCATION**

www.rise-afnnet.com

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AAS

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MAKERERE & RISE

- Rhodes University; University of Botswana; Eduardo Mondlane University AND University of Zimbabwe = **Sub-Saharan Africa Water Resources Network (SSAWRN)**
- **SSAWRN** provides scientific solutions to Water Resource Problems

MAKERERE & RISE: BENEFITS

- Formation of strong inter-university networks
- Promoted inter-departmental cooperation
- Broadened research areas & Innovations
- Information exchange (students and mentors)
- Joint (inter-university) curriculum development emphasizing a multi-disciplinary approaches to training e.g. MSc Natural Products.
- Human Capacity built

Benefit: Multi-Sectoral partnerships

RISE-AFNNET NATURAL PRODUCTS FORUM

- NGOs involved in Community Health
- Ministry of Education- Curriculum Development Centre
- Ministry of Health
- Inter-disciplinary approach to societal challenges

Approach

- Societal problems often require understanding of diverse disciplines to solve
- Studies that use methods and insights of several established disciplines or traditional fields of study
- Goal is to integrate several academic disciplines in pursuit of common tasks

RISE-AFNNET NATURAL PRODUCTS FORUM: FACULTY AND STUDENTS FROM UoN, SUA, MAK; MEDICAL SCHOOLS, VETERINARY SCHOOLS, ENVIRONMENT, BOTANY & FORESTRY SCHOOLS, ; NGOs, MOES, NATIONAL DRUG AUTHORITY, MINISTRY OF HEALTH



Relevance of Higher Education

- Enhanced Makerere's visibility as relevant to National Development

Mwalimu Julius Nyerere

- Officiating at a function at SUA
- “If government closes this university, will it be missed at all by the farming community?”
- Still relevant to us

Mahatma Gandhi

- Asked what he thought needed to be done for development relevance:
- “Recall the face of the poorest and the weakest person whom you may have seen, and ask yourself, if the step you contemplate is going to be of any use to him or her. Will it restore control over their life and destiny?”
- Thanks to RISE for enhanced relevance

BENEFITS

- RISE-AFNNET NETWORK: 6 PhDs & 5 MScs trained at MAK.
- SSAWRN: 1 post-Doc, 1 PhD and 1 Msc trained at MAK.
- RISE has indeed strengthened our higher education through increased population of qualified faculty
- RISE prepared our faculty to deliver multi-disciplinary modules.

Some RISE AFNNET fellows



OFF-SHOOTS

- RISE-AFNNET is now a consortium of Universities writing and winning grants as a network e.g. \$2M HED - USAID grant, 0.49 Euro EDULINK-EU
- The network has also developed more multi-disciplinary regional courses focussed on solving regional problems e.g. MSc Transboundary Animal Diseases
- Natural Products Forum
- Together, building on RISE, we are achieving more.

MAKERERE leadership is supportive and committed to RISE and its approaches to HEI needs





WE BUILD FOR THE FUTURE