

PROFESSIONAL DEVELOPMENT IN AFRICA



PERIPERI U

PARTNERS ENHANCING RESILIENCE
FOR PEOPLE EXPOSED TO RISKS

Capacity Building – Reducing Risk



What is PERIPERI U?

- An Africa-rooted and -led initiative that began in 2006 in five universities in Algeria, Ethiopia, Ghana, South Africa and Tanzania.
- Over the past 15 years, our partnership has both grown and matured, and expanded to 12 partners.
- Commitment to partnership.
 - Not only university cooperation, but also governmental officials and civil society organisations.
- To advance disaster risk education (DRR) in Africa by mobilising university talent across regions, disciplines and languages.

Through Short Course Training and full Academic Programmes

The Value of Short Course Training

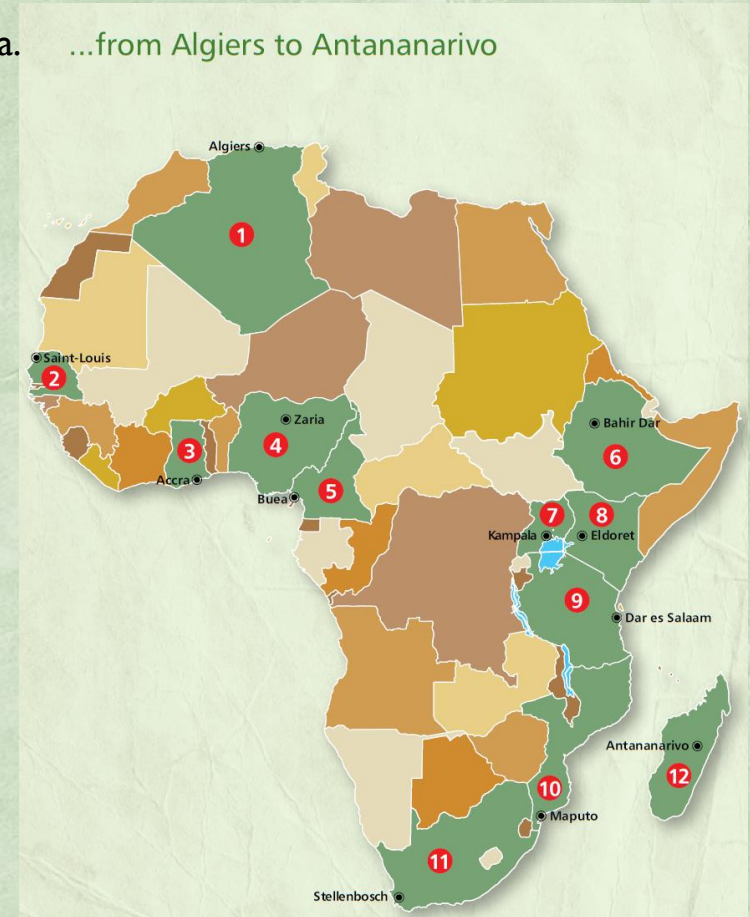
Closing the gap between higher education and disaster risk management practice

They can play a crucial role in enabling a **diverse 'community of practice'** at national and sub-national scales.

Provides **new insights and understandings** of DRR.

Highly critical in **fostering relations** between HEIs and major local, national and international institutions within the DR-field.

May be **catalytic experience** that prompts further (higher) education....[see full academic programmes](#)



Who is the target audience?

These short courses offer training opportunities to academics and students, practitioners, local authorities, humanitarians and NGOs, but also those unfamiliar with field of disaster risk

Participative platforms where participants can collaborate, share experiences and uncover important applied research gaps and discuss difficult risk-related problems.

Short course training in Senegal on agricultural risk, food security and agro-business



Who teaches these courses? Disaster Risk – related themes are wide-ranging...

Regular courses are taught mainly with in-house technical expertise, but also with external partners such as humanitarian agencies, to create specialised commissioned courses.

...in English, Portuguese, French, as well as local languages such as Malagasy and Amharic.

Disaster Risk **expertise** in all African Regions, across multiple themes.

- Disaster risk management/DRR
- Health and health facilities
- Disaster preparedness
- Community-based risk assessment
- Risk/vulnerability assessment
- Food security
- Urban risk
- Qualitative research
- Climate change
- Capacity building
- Spatial
- Flood risk management
- Fire risk management

If you are interested in courses offered throughout the year, see the following **REGULAR SHORT COURSES...by region and theme**

NORTH AFRICA (USTHB in Algeria)

Disaster Risk Management/DRR

- *Introduction to Earthquake Risk Management to Engineers*

For further details, please contact Prof Djillali Benouar at dbenouar@gmail.com

WEST AFRICA (University of Ghana)

Disaster Risk Management/DRR

- *Introduction to Disaster Risk Reduction*

Urban Risk

- *Resilience Building in Urban Communities*

For further details, please contact Prof Martin Oteng-Ababio at moteng-ababio@ug.edu.gh

EAST AFRICA

Health and Health Facilities

- *Nutrition in Emergencies (Moi University in Kenya)*

For further details, please contact Dr Diana Menya at dianamenya@gmail.com

- *Public Health in Complex Emergencies (Makerere University in Uganda)*

For further details, please contact Prof Chris Orach at cgorach@musph.ac.ug



*Community-based elements to
public health short courses at Moi
University in Kenya*

REGULAR SHORT COURSES CONTINUED...

EAST AFRICA

Food Security (Moi University in Kenya)

- *Food Hygiene and Safety*

Disaster Risk Management/DRR (Ardhi University in Tanzania)

- *Understanding Disasters and the Role of the Local City Council in DRR*

For further details, please contact Prof Gabriel Kassenga at kassengagr@gmail.com

Qualitative Research (Makerere University)

- *Advanced Qualitative Research for Health Scientists*

CENTRAL AFRICA (University of Buea in Cameroon)

Disaster Risk Management/DRR

- *The Design and Enforcement of a Building Code for the Seismically Active Region of Mount Cameroon*

For further details, please contact Prof Samuel Ayonghe at sam.ayonghe@gmail.com

SOUTHERN AFRICA (Stellenbosch University in South Africa)

Community-based Risk Assessment/Urban Risk

- *Community Risk Assessment: Focus of Informal Settlements*

For further details, please contact Miss Patricia Zweig at patriciazweig@sun.ac.za



Since 2000 the RADAR team at SU has run short courses to train disaster risk practitioners

The following were **COMMISSIONED** or customised **SHORT COURSES...**
also by region and theme - contact partners for upcoming courses

WEST AFRICA

Community-based Risk Assessment

- *Emergency Preparedness Response*

Food Security

- *Training and Capacity Building for Three Women's Groups in the Senegal River Valley in Aquaculture*
- *Disaster Risk Management and Prevention: Implications of Food Safety and Chronic Disease*
- *Risk of Water-borne Diseases of Livestock in the Senegal River Valley*

Risk/vulnerability Assessment

- *Training of Staff of National Emergency Management Agency (NEMA) on the Fundamentals of Disasters*
- *Integrated Context Analysis (ICA) Using 3PA, PCP, PSME Toolkit Concepts*

Disaster Risk Management/DRR

- *Agricultural Risk Management in the Sahel*
- *Training Workshop for NEMA Staff*

Capacity Building

- *Graduate Write Shop*

NORTH AFRICA

Disaster Risk Management/DRR

- *Progress of the International strategy for Disaster Risk Management 1990-2015*

The University of Antananarivo in Madagascar offers short courses on Community based risk assessment, Economic Valuation and Disaster and Risk Management



EAST AFRICA

Health and Health Facilities

- First Aid Training

Disaster Preparedness

- School Safety Training
- Emergency Preparedness and Response for Tanzania Red Cross Society
- Volunteers From Ilala, Temeke and Kinondoni Districts of Dar es Salaam

Disaster Risk Management/DRR

- Disaster Risk and Disaster Management, Resilience and Community Development
- Introduction to Concepts of Risk and Disaster Management/Reduction, Resilience and Development
- Risk and Disaster Governance, Resilience and Sustainable Development
- All-hazard RRT (Rapid Response Teams) Training

Qualitative Research

- Qualitative Research for Health Sciences

Climate Change

- Planetary Health

Capacity Building

- The Media, Key Players in Risk and Disaster Governance

Community-based Risk Assessments

- Community Based Disaster Risk Reduction

Flood Risk Management

- Understanding the Role of Local Community Along Kizinga River (Temeke Municipality) in Managing Flood Risks

Fire Risk Management

- Fire Risk Management; TOT on Fire Risk Management

Moi University staff and participants at its Nutrition in Emergencies short course for local health practitioners



Bahir Dar University staff and participants at its short course on Livelihoods, Early Assessment and Protection (LEAP) - Food Security Early Warning Tool



CENTRAL AFRICA

Spatial

- The Basics of GIS and its Application in DRR and Management

Disaster Risk Management/DRR

- Disaster Resilience, Building Practices and Coping Strategies

SOUTHERN AFRICA

Disaster Risk Management/DRR

- Management Techniques in Economic, Preventive and Monitoring Context Within Disaster Prone Regions
- African Risk Methods School (ARMS) (PERIPERI U Secretariat)

Risk/Vulnerability Assessment

- Integrated Distrital Programing Toward Resilience

Spatial

- Statistics and GIS for risk practitioners

Disaster Preparedness

- Global Flood Awareness System (GloFAS)
- Disaster Risk Financing (PERIPERI U Secretariat)

Disaster Response

- Post-disaster Needs Assessment (PDNA)
(PERIPERI U Secretariat)

*RADAR, Stellenbosch University
Community – based Risk Assessment
short courses in informal settlements in
the Western Cape Province, South Africa*



*A collaborative PERIPERI U
short course (hosted by the
secretariat based at
Stellenbosch University)
'African Risk Methods School
II', held in Addis Ababa*



If you are interested in full **ACADEMIC PROGRAMMES...**

PERIPERI U offers the following **undergraduate BSc.** programmes

| Univ. | Country | Undergraduate Programme | Duration |
|-------|------------|---|----------|
| BDU | Ethiopia | BSc. Disaster Risk Management & Sustainable Development | 3 years |
| UDM | Mozambique | BSc. Environmental Engineering and Disaster Management | 4 years |

...the following **postgraduate diploma** programmes

| Univ. | Country | Postgraduate diploma | Duration |
|-------|--------------|---------------------------------------|----------|
| ABU | Nigeria | DRM and Development Studies | 2 years |
| SU | South Africa | Disaster Risk Studies and Development | 1 year |



BDU students do field research in Ethiopia



UDM students having classroom lectures

ABU – Ahmadu Bello University
 GBU – Gaston Berger University
 Tana – University of Antananarivo
 USTHB – University Of Science And Technology Houari Boumediene

Ardhi – Ardhi University
 Makerere – Makerere University
 UBuea – University of Buea

BDU – Bahir Dar University
 SU – Stellenbosch University
 UDM – Technical University of Mozambique
 Moi - Moi University
 UG – University of Ghana

ACADEMIC PROGRAMMES

PERIPERI U offers the following Master's programmes...

| Univ. | Country | Master's/M/MPhil/MSc. | Duration |
|----------|--------------|---|----------|
| ABU | Nigeria | MA DRM and Development Studies | 2 years |
| Ardhi | Tanzania | M Disaster Risk Management | 3 years |
| Makerere | Uganda | M Public Health Disaster Management | 3 years |
| SU | South Africa | MPhil Disaster Risk Studies & Development | 2 years |
| ABU | Nigeria | MPhil DRM and Development Studies | 2 years |
| ABU | Nigeria | MSc. DRM and Development Studies | 3 years |
| Ardhi | Tanzania | MSc. Disaster Risk Management | 3 years |
| BDU | Ethiopia | MSc. Disaster Risk Management & Sustainable Development | 3 years |
| | | MSc. Climate Change and Development | 3 years |
| | | MSc. Livelihoods and Development | 3 years |
| GBU | Senegal | MSc. Prevention & Risk Management of Food Insecurity Risk | 3 years |
| Tana | Madagascar | MSc. Multidisciplinary Disaster and Risk Management | 2 years |
| UBuea | Cameroon | MSc. Disaster Risk Management | 3 years |
| UDM | Mozambique | MSc. Technical Education, Development and Disaster Mgmt. | 2 years |
| USTHB | Algeria | MSc. Structural Dynamics and Earthquake Engineering | 2 years |

and these PhD programmes

| Univ. | Country | PhD. | Duration |
|-------|----------|-------------------------------------|----------|
| ABU | Nigeria | DRM and Development Studies | 3 years |
| Ardhi | Tanzania | Disaster Risk Management | 5 years |
| USTHB | Algeria | Earthquake and Flood Risk Reduction | 5 years |



GBU students learn how soil quality affects agricultural risk in the Senegal River Valley



Makerere researchers discuss health challenges with refugees and internally displaced people in Uganda

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CONTACT US

PERIPERI U Secretariat – Stellenbosch University, South Africa

Dr Nico Elema – email: ne@sun.ac.za – telephone: +27 21 808 9381

| Univ. | Country | Centre | Contact person | Email | Telephone |
|----------|--------------|--|--|--|---------------------|
| ABU | Nigeria | Centre for Disaster Risk Management and Development Studies | Dr Usman Kibon | usmankibon@gmail.com | (+234) 703 1979 192 |
| Ardhi | Tanzania | Disaster Management Training Centre | Prof. Gabriel Kassenga | kassenga@aru.ac.tz | (+255) 713 599 181 |
| BDU | Ethiopia | Department of Disaster Risk Management & Sustainable Development | Tarekegn Ayalew | tarekegnayalew@yahoo.com | (+251) 918 730 624 |
| GBU | Senegal | UFR des Sciences Agronomiques, de l'Aquaculture et des Technologies Alimentaires | Aliou Diop | aliou.diop@ugb.edu.sn | (+221) 776375 791 |
| Makerere | Uganda | School of Public Health | Prof. Christopher Garimoi Orach | cgorach@musph.ac.ug | (+256) 772 511 444 |
| Moi | Kenya | School of Public Health | Dr Diana Menya | dianamenya@gmail.com | (+254) 720 352 579 |
| SU | South Africa | Research Alliance for Disaster and Risk Reduction (RADAR) | Dr Robyn Pharoah | robynpharoah@sun.ac.za | (+27) 21 808 9492 |
| Tana | Madagascar | Centre d'Etudes et de Recherches Economiques pour le Développement (CERED) | Prof. Randrianalijaona Tiana Mahefasoa | randrianalijaona@gmail.com | (+261) 340 137 170 |
| UBuea | Cameroon | Centre for Hazard Monitoring and Disaster Management (CEDIM) | Prof Samuel Ayonghe | samayonghe@yahoo.com | (+237) 677 738 438 |
| UG | Ghana | Department of Geography and Resource Development | Prof. Martin Oteng-Ababio | moteng-ababio@ug.edu.gh | (+233) 244 382 281 |
| UDM | Mozambique | Unidade de Produção e Gestão de Riscos de Desastres | Prof. Rui Carlos da Maia | damaia.rui59@gmail.com | (+258) 847 686 214 |
| USTHB | Algeria | Built Environment Research Laboratory | Prof. Djillali Benouar | dbenouar@gmail.com | (+213) 771 842 428 |

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PERIPERI U represents an innovative collaboration of African universities committed to strengthening strategic capacity to reduce and manage contextually relevant disaster risks. It gives explicit priority to 'closing the gap' between Africa's institutions of higher learning, and contemporary disaster risk management policy and practice within countries and across the continent. Its members also work closely with many governmental partners as well as with bilateral and multilateral organisations and nongovernmental organisations.

Consortium efforts are enabled through a secretariat, located at the Centre for Collaboration in Africa (CCA) Stellenbosch University International (SUI), Stellenbosch University, Stellenbosch, South Africa

<https://www0.sun.ac.za/international/centre-for-collaboration-in-africa-cca.html>

CCA can be contacted at:

Centre for Collaboration in Africa (CCA)

Stellenbosch University,

Private Bag X1 Matieland, 7602.

South Africa

Tel: 27(0)21 808 9381

Email: ne@sun.ac.za

Find out more about PERIPERI U through our website:

www.riskreductionafrica.org