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Periperi U*

Annual Report for the Period

26 May 2017 to 25 May 2018



July 2018

Research Alliance for Disaster Risk Reduction (RADAR)

Stellenbosch University

SOUTH AFRICA



USAID
FROM THE AMERICAN PEOPLE



Partners Enhancing Resilience for People Exposed to Risks

<http://www.riskreductionafrica.org>

LIST OF PARTNER INSTITUTIONAL ACRONYMS

ABU	Ahmadu Bello University, Nigeria
ARU	Ardhi University, Tanzania
BDU	Bahir Dar Univeristy, Ethiopia
CERED	Centre D’Etudes et de Recherches Economiques pour le Developpement
DMTC	Disaster Management Training Centre
GBU	Gaston Berger University, Senegal
LBE	Built Environment Research Laboratory
Makerere	Makerere University, Uganda
Moi	Moi University, Kenya
RADAR	Research Alliance for Disaster and Risk Reduction
SU	Stellenbosch University, South Africa
Tanà	University of Antananarivo, Madagascar
UBuea	University of Buea, Cameroon
UDM	Universidade Técnica de Moçambique, Moçambique
UG	University of Ghana, Ghana
USTHB	University of Sciences and Technologies – Houari Boumediene, Algeria

EXECUTIVE SUMMARY

Demonstrated capacity for ‘going to scale’

In this second year of Periperi U’s 2016-2019 USAID award,¹ the pan-African consortium ‘went to scale’. From May 2017-May 2018, the partnership reached 2 496 people through 19 disaster risk-related academic programmes and 25 modules that reached 1 720 students, plus 28 short courses with 776 participants.

These accomplishments were in addition to strategic and technical engagements that extended across local, national, regional, continental and global scales, as well as diverse outreach and risk research activities. Increasing technical collaboration between Periperi U HEIs and government or other stakeholders at subnational/local levels underlined the value-added that engaged HEIs can bring to risk and resilience efforts, especially to address the ‘last mile’ challenges in reaching at-risk communities.

New risk and resilience curricula for 2019-20

At least six Periperi U partners revised existing disaster risk curricula or developed new integrated academic programmes. Ardhi University (**ARU**) developed its curriculum for a new undergraduate elective course *Introduction to Disaster Risk Management*, while Bahir Dar University (**BDU**) began developing curricula for new DRM-related Masters and PhD level programmes, as well as establishing a satellite campus in Addis Ababa.

The University of Ghana (**UG**) vigorously pursued a new programme in *Disaster Risk Reduction Science (DRRS)*. This innovative programme (expected to launch by January 2020) will incorporate 21 courses, designed collaboratively with faculty in other departments, including the Regional Institute for Population Studies, Centre for Migration Studies, School of Public Health, and the Climate Change Programme.

In Cameroon, the University of Buea (**UBuea**) successfully developed an *MSc in Disaster Risk Management and Safety (DRMS)* that will be introduced later in 2018. This first DRM-related academic programme in the Economic Community of Central African States (ECCAS) includes course content from health, forestry, agriculture, geology, geography, law and physics.

¹ USAID award AID-OFDA-G-16-00115

Similarly, in Mozambique, the Universidade Técnica de Moçambique (**UDM**) developed a new MSc programme *Environmental Engineering and Risk Management*, submitted in March 2018 for registration by Mozambique's Ministry of Science and Technology. Stellenbosch University's (**SU**) new Disaster Risk Studies and Development Postgraduate Diploma was approved by South Africa's Council of Higher Education in September 2017, and is set to be launched in 2019.

Deepening risk knowledge and strengthening local risk governance

With *understanding risk* a central priority in the Sendai Framework, 217 Periperi U-supervised students undertook disaster risk-related research for BSc, PGDip, Honours, Masters and PhD degrees, including 176 Masters projects and 16 PhD topics. 87 of these were completed in 2017-18, including 67 at Masters level. When theses for 2016-17 are included, Periperi U students completed 265 disaster risk-related theses in just two years.

In addition to its formal academic programmes and modules, Periperi U partners delivered 28 short courses that reached 776 people, including 350 women (45%). Of these, 17 (61%) of this year's courses were 'custom-made', or designed and implemented specifically for an institution, organisation or government partner – often at sub-national level.

A commitment to partnership and 'local to global' collaboration

Similarly, Periperi U's deliberate "local to global" engagement strategy, along with commitment to work with diverse stake-holders was reflected in active participation in more than 20 meetings, conferences and consultations. These spanned five geographic scales and included more than 1 000 people. In each instance, Periperi U participants were involved either as hosts, co-organisers, discussants, panellists, presenters, technical advisors, or had other specialist roles.

It was further underlined by a growing range of memoranda of understanding between its partner universities and other scientific, governmental and international organisations. Altogether, 66% of the 80 technically-oriented engagements occurred at national or subnational/local levels. This foregrounds the specific value-added that engaged HEIs can bring to risk and resilience efforts, especially those for at-risk communities far from national capitals.

A vigorous Pan-African partnership and energetic secretariat

Established in 2006, the Periperi U partnership has grown incrementally to include 12 African universities, with a combined staff of staff 264 people. In this reporting period, the collaboration actively engaged the universities listed below:

- Bahir Dar University (Bahir Dar, Ethiopia)
- Built Environment Research Laboratory (LBE) University of Science and Technology Houari Boumediene (USTHB) (Algiers, Algeria)
- Disaster Management Training Centre (DMTC), Ardhi University (Dar Es Salaam, Tanzania)
- Research Alliance for Disaster & Risk Reduction University (RADAR)(Stellenbosch, South Africa)
- Makerere University (Kampala, Uganda)
- University of Ghana (Accra, Ghana)
- Universidade Técnica de Moçambique (UDM) (Maputo, Moçambique)
- Moi University (Eldoret, Kenya)
- Gaston-Berger University (St Louis, Senegal)
- Centre D'Etudes et de Recherches Economiques pour le Developpement (CERED),University of Antananarivo (Antananarivo, Madagascar)
- Ahmadu Bello University Center for Disaster Risks Management and Development Studies (Zaria, Nigeria)
- University of Buea (Buea, Cameroon)

Periperi U's secretariat, RADAR/SU continued to oversee compliance with award terms and conditions. It disbursed USD 926 500 to 11 sub-awardees, as well as arranged and paid for 54 international flights. The secretariat maintained Periperi U's website², also expanding the partnership's online research centre or *ORC*³, which recorded more than 2.5 million searches, with 157 000 pdfs viewed.

The secretariat facilitated administrative and logistics arrangements for Periperi U's annual consultative meeting in October 2017, hosted by **BDU**, as well as a second consultation, convened in May with the World Food Programme (WFP) and the New Partnership for Africa's Development (NEPAD), hosted by **Makerere University**.

Table 1 below provide a snapshot of Periperi U's reach in short course training and formal academic programmes over the past year. It demonstrates the partnership's capacity to operate at scale, and profiles the contribution that engaged HEIs are making to risk and resilience efforts across Africa.

These and other activities undertaken by Periperi U are addressed in greater depth in the following report.

Table 1: Summary of Current Academic Programmes and Modules (26 May 2017 – 25 May 2018)

University	Current Academic Programme	Level
ABU	DRM and Development Studies	PgDip
	DRM and Development Studies	MA
	DRM and Development Studies	MSc
	DRM and Development Studies	MPhil
	DRM and Development Studies	PhD
ARU	DRM	Master
	DRM	MSc
	DRM	PhD
BDU	DRM & Sustainable Development	U'grad
	DRM & Sustainable Development	MSc
	DRM & Sustainable Development (distance)	MSc
	Climate Change & Development	MSc
GBU	Prevention & RM of Food Insecurity	MSc
Makerere	Public Health Disaster Management	Master
SU	Disaster Risk Studies and Development	MPhil
Tana`	DMGRC	MDGRC
UDM	Environmental Engineering and DM	BSc
USTHB	Structural Dynamics and Earthquake Engineering	MSc
	Earthquake and flood risk reduction	PhD

² www.riskreductionafrica.org

³ www.lib.riskreductionafrica.org

University	Current Academic Module	Level
Makerere	Legal and human rights in disaster situations	Master
	Post disaster recovery and rehabilitation	Master
	Mental Health and Psychosocial Issues in Disaster Situations	Master
	Logistics Management in Emergencies	Master
	Food & Nutrition In Disaster Situations	Master
	Research Methods	Master
	Disaster preparedness and risk reduction	Master
	Reproductive Health in Disaster Situations	Master
Moi	MPH: Principles of Disaster Management and Conflict Resolution	Master
SU	Disaster Risk Studies & Development	Honours
Tanà	Economic Valuation Techniques (in Development Economics)	U'grad
	CNTMAD (2017-2018)	Masters
	Introduction to DRM/DRR (in IOGA Master's Programme : Géomatique)	Masters
UBuea	Natural Hazards, Disasters and Impacts of Climate Change	U'grad
	Groundwater, Pollution and Protection	Masters
	Current topics in Climate Change	PHD
	Current trends in Environmental hazards	PhD
	Global commons, natural disasters and environmental risk management	MSc
	MSc thesis in Natural Resources and Environmental Management	MsC
	PhD Research Project/Thesis	PhD
	Advanced Topics in Surface and Groundwater Management	PhD
UG	Applied Integrated Disaster Risk Reduction in Urban Ghana	Masters
	Theories and Analytical Methods for IEH and Integrated DRR	U'grad
	Concepts and Methods in Advanced Integrated DRR	U'grad
	Policies and Strategies for Integrated DRR	Masters

Table 2: Summary of Periperi U Training/Education Efforts (26 May 2017 - 25 May 2018)

Institution	Short Courses	Participants	Academic progs/ modules	Students registered
ABU*	1	21	5	455
ARU*	4	154	3	48
BDU*	1	36	4	319
GBU*	4	176	1	73
U. Ghana**	2	41	4	93
Makerere***	3	53	9	44
Moi*	3	58	1	10
SU***	1	13	2	31
Tanà***	5	106	4	180
UBuea**	1	70	8	93
UDM*	2	33	1	253
USTHB*	1	15	2	121
Total	28	776	44	1 720

* Programmes only

**Modules only

*** Programmes and modules

Report based on the
REGIONAL DISASTER RISK AND VULNERABILITY REDUCTION CAPACITY
DEVELOPMENT PROJECT
(PERIPERI U)

RADAR
Stellenbosch University
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