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ROLE OF HIGHER-EDUCATION INSTITUTIONS (HEIs): ADVANCING DISASTER RISK KNOWLEDGE AND BUILDING LOCAL RISK CAPACITY



THIRD UNITED NATIONS WORLD CONFERENCE ON DISASTER RISK REDUCTION
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ROLE OF HIGHER-EDUCATION INSTITUTIONS (HEIs): ADVANCING DISASTER RISK KNOWLEDGE AND BUILDING LOCAL RISK CAPACITY

16 March 2015 | Tokyo Electron Hall Miyagi 401

OVERVIEW OF SESSION

Disaster Risk Reduction (DRR) is an evolving field which in recent decades has received increasing attention of Higher Education Institutions (HEIs). While their outreach is still somewhat limited, universities have purposefully established new disaster risk-related departments/centres of studies and started offering undergraduate and postgraduate courses focused on issues related to DRR. These courses range from offering an introductory DRR module to full degree or postgraduate qualification that is contextually relevant.

This has not only helped create a new cadre of disaster risk management professionals, but has also progressively increased research and publications to advance disaster risk knowledge and scholarship. The continuing expansion of higher education efforts in the disaster risk domain has both broadened and deepened understanding of the disaster risks, as these are experienced in diverse social and environmental contexts.

Since 2005, major achievements in the academic domain include (i) increasing number of academic publications in DRR (ii) formation and expansion of academic networks and consortia offering innovative, disaster risk-related courses.

In this public forum, prominent partnerships – AUEDM (Asian University Network of Environment and Disaster Risk Management, comprising 30 universities from Asia) and Periperi-U (an African consortium involving 11 universities) will bring together selected speakers to share their experience of furthering disaster risk-related education in their respective regions.

HOW WILL THE EVENT INPUT INFORM THE POST-2015 FRAMEWORK FOR DISASTER RISK REDUCTION AND PROMOTE THE COMMITMENTS TO IMPLEMENTATION OF THE SAID FRAMEWORK?

The Post-2015 Framework's outcome is expected to be forward-looking and action-oriented. HEIs are not only actively contributing towards the development of the post-2015 framework but are also taking lead role in making measureable voluntary commitments to implement it. In addition, HEIs in collaboration with major stakeholders groups will expedite knowledge dissemination to reach out to communities and local governments.

SESSION OBJECTIVES AND EXPECTED OUTCOME

The session seeks to highlight role of trans-disciplinary, multi-sectorial alliances for the advancement of disaster risk knowledge and human capacity development in disaster risk reduction. This includes profiling the role that:

- HEIs play in advancing disaster risk-related education and scholarship and
- Purposive knowledge consortia play in advancing disaster risk knowledge and capacity development.

This event will help to galvanize further academic collaboration and strengthen existing networks of HEIs for advancing disaster risk knowledge and building capacity. It will also recognize existing gaps between demand and supply of capacities at local levels and synergize collective efforts more strategically for filling these gaps through the strength of academic networks.

PROGRAMME

SESSION 1: HEIs: INNOVATORS IN DISASTER RISK EDUCATION

Prof. Rajib Shaw (AUEDM)

0900-0905	Welcome and opening <i>Prof. Rajib Shaw, Kyoto University and AUEDM, Japan</i>
0905-0925	Overview of HEIs as innovators in DRR plus overview of the programme <i>Prof. Mateugue Diack, Gaston Berger University, Senegal</i>
0925-0935	Identification of linkages of the scientific and academic community initiatives with disaster risk reduction in Latin America and the Caribbean <i>Dr Barbara Carby, DRR, University of The West Indies, Jamaica</i>
0935-0945	Innovation towards creating global leadership in safety and security through GSS Program of Kyoto University <i>Prof. Kaoru Takara, Kyoto University, Japan</i>
0945-0955	Innovative scholarship in Disaster Risk Management and Sustainable Development: A case of Bahir Dar University <i>Mr Tarekegn Ayalew, Bahir Dar University, Ethiopia</i>
0955-1005	Teaching Climate Change and Disaster Risk Management at USP <i>Dr Helene Jacot Des Combes, The University of the South Pacific (USP), Fiji</i>
1005-1015	Plenary discussion

SESSION II: HEI CONSORTIA: INNOVATORS IN DISASTER RISK (A FUTURE VISION)

Diana Meny (Periperi U)

1020-1030	ANDROID: An inter-disciplinary European academic network <i>Prof. Richard Haigh, Global Disaster Resilience Centre, United Kingdom</i>
1030-1040	Periperi U: Extending connections - Reinforcing resilience <i>Ms Vimbai Chasi, RADAR, Stellenbosch University and Periperi U, South Africa</i>
1040-1050	Higher education in Environment and Disaster Management: Asian experiences <i>Prof Rajib Shaw, Kyoto University and AUEDM, Japan</i>
1050-1100	Strengthening research collaboration: APRU-IRIDeS Multi-Hazards Program Hub <i>Dr Christopher Tremewan, APRU, Singapore</i>
1100-1110	Plenary discussion

SESSION III: GLOBAL MOBILISATION FOR DISASTER RISK SCHOLARSHIP AND PRACTICE

Rudiger Klein (IRDR)

1115-1125	Development and implementation of the Massive Open Online Course (MOOC) "Disasters and ecosystems – Resilience in Changing Climate" <i>Dr Karen Sudmeier, United Nations Environment Programme, Switzerland</i>
1125-1135	Transdisciplinary education for Disaster Risk Reduction <i>Dr Srikantha Herath, United Nations University, Institute for the Advanced Study of Sustainability, Japan</i>
1135-1145	The Pan-Asia Risk Reduction Fellowship Program (PARR): Building a dynamic rubric for regional Disaster Science, policy and practice <i>Ms Antonia Yulo Loyzaga, Manila Observatory, Philippines</i>
1145-1200	Plenary discussion and conclusion <i>Dr Rudiger Klein, IRDR, China</i>
1200	Thanks and closure <i>Prof. Rajib Shaw, Kyoto University and AUEDM, Japan</i>

Identification of linkages of the scientific and academic community initiatives with disaster risk reduction in Latin America and the Caribbean

Dr Barbara Carby

This presentation focuses on the results of an assessment of current Disaster Risk Reduction (DRR) advancements in the Latin American and Caribbean region (LAC). It identified existing programs and projects on DRR in order to define a regional strategy to strengthen the integration of the agendas of the scientific community and DRR practitioners, national authorities and actors, to reinforce current efforts within the region. A total of 87 programs related to DRR were identified in 69 Universities in 18 countries, in addition to 104 research projects (64 in Universities and 45 in Research Centers). According to the information gathered, there is a total of 1,234 Universities in LAC, out of which, less than 6% work on DRR initiatives. Moreover, there is a relatively low number of lectures teaching DRR related content in LAC Universities, in contrast with the total number of lecturers in the region. Derived from this assessment a series of recommendations have been defined for the LAC Agenda.

Innovation towards creating global leadership in safety and security through GSS Program of Kyoto University

Prof. Kaoru Takara

The Inter-Graduate School Program for Sustainable Development and Survivable Societies, or the Global Survivability Studies (GSS) Program, is supported by 25 departments from nine graduate schools, as well as three research institutes in Kyoto University, Japan. Backed by the Program for Leading Graduate Schools of the Ministry of Education, Culture, Sports, Science and Technology of Japan (MEXT), the GSS Program has committed to providing multi-disciplinary education since its inception in late 2011. GSS addresses four critical issues of global concern in safety and security: large-scale natural disasters and catastrophes, man-made disasters and accidents, regional environmental changes and social instability, and food security. While GSS students (approx. 20 are accepted annually) are expected to excel in doctoral-level research at their respective graduate schools, they will also be trained in the five-year GSS Program to understand the mechanisms of natural and social phenomena, acquire scientific knowledge for incident prevention and resilience in the face of adversity, and analyse human and social adaptability. In particular, each student is taught not only to acquire expertise as a specialist of safety and security, but also to cultivate human qualities and gain social perspectives in order to take a leadership role in the very near future in providing solutions to global threats.

Innovative scholarship in Disaster Risk Management and Sustainable Development: A case of Bahir Dar University

Mr Tarekegn Ayalew

Bahir Dar University's (BDU) Department of Disaster Risk Management and Sustainable Development (DRMSD) was founded in 2005 to build resilient communities through strengthened capacity and sustainable development. This was enabled through a joint partnership consisting of BDU, Save the Children Canada, USAID (University of Arizona) and the Food Security Coordination and Disaster Prevention Office of the Ethiopian Government. BDU's department is unique in Ethiopia as it has catalysed contemporary disaster risk management thinking and offers professional and practical disaster risk reduction knowledge transfer at undergraduate and postgraduate levels.

Since its establishment, DRMSD has registered more than 540 undergraduate students, of whom more than 300 have graduated. Furthermore, 170 students have registered for its MSc. in Disaster Risk Management and Sustainable Development of whom over 60 have graduated. The department is also working closely with stakeholders and has run disaster risk reduction and climate change adaptation-related short courses in local languages for approximately 400 government and civil society practitioners. The department is enhancing community and government capacities to better manage risk through reducing vulnerabilities and minimising exposure to hazards where possible.

Teaching Climate Change and Disaster Risk Management at the University of the South Pacific

Dr Helene Jacot Des Combes

Natural hazards, especially of a hydro-meteorological nature are a threat to the development of Pacific Island Countries. This threat is exacerbated by climate change that is projected to change the frequency and intensity of extreme events.

This presentation introduces the University of the South Pacific (USP) and the Pacific Centre for Environment and Sustainable Development (PaCE-SD) and highlights the postgraduate programme on climate change offered by this centre. At the heart of this programme is the understanding of climate science and the strong linkages between academic teaching, applied research and community engagement. Information collected from the adaptation actions in the communities in the region are included in the course material for the students to learn from local case studies. Many of our research students conduct their MSc or PhD on community issues to reinforce this link. Although the programme is strongly focused on climate change, a course on disaster risk management is included and supports the trend to integrate climate change and DRM in the region. This programme is quite popular with more than 150 students enrolled this semester.

ANDROID: An inter-disciplinary European academic network

Prof. Richard Haigh

This presentation will introduce ANDROID (Academic Network for Disaster Resilience to Optimise educational Development), an EU funded international partnership of higher education institutes and key actors in disaster resilience that has been formed to develop innovative European education. ANDROID is an inter-disciplinary consortium of 67 partners from 31 countries and includes scientists from applied, human, social and natural disciplines.

The network began in 2011 and during the first phase of its workplan has delivered several major activities and outputs: an inter-disciplinary doctoral school; a survey capturing and sharing innovative approaches to inter-disciplinary working; a survey of European education to map teaching and research programmes in disaster resilience; a survey analysing the capacity of European public administrators to address disaster risk; emerging research and teaching concerns in disaster resilience; and, open educational resources.

This presentation will outline the ANDROID network's mission, its achievements to date, including a European roadmap for disaster resilience education, and describe its plans for the future.

Periperi U: Extending connections - Reinforcing resilience

Ms Vimbai Chasi

Periperi U is a platform for university partnership to advance disaster risk scholarship through a collegial network of higher education institutions committed to disaster risk capacity knowledge. This consortium of 11 African higher education institutions has challenged previous stereotypes about African capacity building, by successfully generating accessible, sustainable, robust disaster risk academic programmes across the continent. Since 2005, the partners have worked hard to bring Periperi U to where it stands today. Its successes since its inception include over 300 students graduating from disaster-related academic programmes and courses in agriculture, engineering, urban planning, economics, environmental science and public health, creating a home grown surge in skilled human capital. It also includes more than 50 disaster related short courses, reaching over 1500 professionals and practitioners in their local languages.

In 2014 Periperi U became an IRDR's first centre of excellence with an explicit focus on Risk Education and Learning. This presentation will outline the network's plans for the future in its role as a global player. These plans include but are not limited to extending its network reach to other universities and also mobilising multisectoral/stakeholder partnerships well beyond Africa.

Higher education in Environment and Disaster Management: Asian experiences

Prof. Rajib Shaw

Asian University Network of Environment and Disaster Management (AUEDM) is a network of 31 universities from 17 Asian countries and region. The network promotes higher education, research and field based experiential learning and implementation in the field of disaster risk reduction. As a part of its education policy, the network lobbies for higher education principles which are: Inclusive curriculum, theoretical focus, field orientation, multi-disciplinary, skill-enhancement, and basics plus market / demand oriented specifics. The network also promotes bilateral and multi-lateral action research among different universities and related agencies like UN or development banks. Climate change adaptation becomes a core area of multilateral research in the network. Through publishing Asian Journal of Environment and Disaster Management (AJEDM), the network encourages young academicians and practitioners to write joint papers.

A few key learning areas of the network can be summarized as: Collaboration (breaking traditional boundaries of academic and disciplines), Participation (from national to local governments and field practitioners), Commitments (from higher level of the university administration), Time factor (University curriculum needs longer time) and Coordinator (focal point is an important and vital entity of network). The network is committed to support HFA 2 implementation in the Asia Pacific region.

Strengthening research collaboration: APRU-IRIDeS Multi-Hazards Program Hub

Dr Christopher Tremewan

Earthquakes, tsunamis, volcanoes, hurricanes/typhoons/cyclones and floods are common threats for many societies on the Pacific Rim's 'Ring of Fire'. To address these shared threats, the APRU Multi-Hazards Program aims to build safer and more disaster resilient societies through education, research and partnerships.

Joint responses to disasters and hazards have been discussed in APRU since 2005. To deepen the debates and the quality of collaboration the APRU and the International Research Institute of Disaster Science (IRIDeS) established the Multi-Hazards Program Hub at Tohoku University. The Program is working to harness the collective capabilities of APRU universities for cutting-edge research on DRR and recovery, to contribute to international policy making processes on adaptation and mitigation strategies and to share best practices to manage disaster risks on the APRU campuses.

A core group of renowned researchers from the Americas, East Asia and Southeast Asia has been formed to oversee the annual joint activities and events. Disaster preparedness of campuses have been analysed. MOUs between APRU member universities have intensified the data sharing. Partnerships with other networks in the region (AUEDM, ACES) will further strengthen disaster science and research.

Development and Implementation of the Massive Open Online Course (MOOC)

"Disasters and Ecosystems – Resilience in a Changing Climate"

Dr Karen Sudmeier

Disasters, climate change, poverty and environmental degradation are the leading causes of human insecurity. Education about these topics is fundamental to advancing inter-disciplinary approaches and achieving global to local goals toward poverty reduction and sustainability. Ecosystem-based disaster risk reduction not only offers an opportunity to strengthen human resilience against hazard impacts, but also generates a range of other social, economic and environmental benefits. To enhance access to information on such pressing and cross-cutting topics, e-learning is a relatively new and promising form of education. It has the advantage of providing global access to education on tackling global challenges and promoting multi-disciplinary thinking and practice.

The United Nations Environment Programme (UNEP), together with the Cologne University of Applied Sciences recently developed a free-of-charge, MOOC on "Disasters and Ecosystems – Resilience in a Changing Climate". The MOOC went online in January 2015, attracting 11,000 + participants from 183 countries worldwide on the German MOOC platform, Iversity. The interdisciplinary course is intended for students, practitioners, policymakers and civil society interested in learning about linkages between ecosystem management, climate change and disaster risk management. This presentation will share lessons and good practice on how a MOOC is developed while identifying opportunities and challenges for MOOCs as global mobilizers for disaster risk reduction.

Transdisciplinary education for Disaster Risk Reduction

Dr Srikantha Herath

While we have achieved meaningful partnerships and collective engagement for disaster risk reduction in the past as we shifted from monodisciplinary (isolated) approaches to multidisciplinary (additive) and then to interdisciplinary (interactive) approaches, the highly uncertain, highly complex and fast-evolving disaster risks today caused by rapid global changes require a more holistic transdisciplinary approach that brings all stakeholders together, including the academe, local government units, NGOs and communities, to enable efficient transfer of knowledge, experiences and quick feedback. UNU's experience with a network of leading universities in the region, the University Network for Climate and Ecosystems Change Adaptation Research (UNCECAR), demonstrated that postgraduate sector networks can develop and deliver effective educational and capacity development programs to promote transdisciplinary programs for disaster risk reduction.

This presentation will discuss the need for transdisciplinary programmes for sustainable disaster risk reduction measures through pilot field research projects. It will propose a framework to promote new approaches to integrate education, research and capacity building to solve real world problems through an iterative process that facilitate collective problem definition, flexible solution approaches and commitment to sustainable solutions.

The Pan-Asia Risk Reduction Fellowship Program (PARR): Building a dynamic rubric for regional Disaster Science, policy and practice

Ms Antonia Yulo Loyzaga

In 2014, START, the US Global Research Program, NSF, APN, IRDR-ICOE, OML Centre, Manila Observatory, Kyoto University and NCDR launched the Pan-Asian Risk Reduction Fellowship Program (PARR) in order to respond to the complexity of disaster risk reduction in Asia. PARR offers a dynamic and innovative platform to link research in disaster science to risk reduction policy and practice at local, national and regional levels. The inaugural round of fellows includes 12 researchers from Thailand, India, Bangladesh, Indonesia, Myanmar and the Philippines.

Implemented through a network of home and host institutions, the program aims to build a regional cohort of fellows through knowledge-sharing and the development of anticipatory, interpersonal and strategic capacities to identify risk at multiple scales in different societal settings. These research and science-policy fellows would be capable of applying trans-disciplinary approaches and integrative methods to analyze the context and dynamics of risk, and strategically communicating their findings to affected communities and decision-makers.

Future PARR program directions include the building of a cohort from the less developed countries in Asia, and designing and implementing stakeholder engagement activities in both host and home countries. PARR aims to implement a structured, integrative program of knowledge-sharing between participating home and host institutions, and their outreach partners.

PRESENTERS' BIOGRAPHIES

IN ALPHABETICAL ORDER ACCORDING TO SURNAME

Mr Tarekegn AYALEW is a Lecturer based in the Department of Disaster Risk Management and Sustainable Development (DRMSD) at Bahir Dar University (BDU). A disaster risk management expert by training, he received his MSc. degree in Risk, Crisis and Disaster Management from University of Leicester, UK. His specific competences include disaster risk management, Disaster Risk Reduction and Climate Change Adaptation Planning, capacity building, participatory monitoring and evaluation, humanitarian policy and advocacy, coordination of GOs and NGOs, managing and linking disaster relief to development activities and humanitarian actions. In his professional circle, Tarekegn also serves as a secretary of the Association for Disaster Risk Management. Prior to joining Bahir Dar University, he worked for the Government of Ethiopia under the Disaster Prevention and Preparedness Commission at senior and middle management levels.

Dr Barbara CARBY is a disaster risk management professional based at the Disaster Risk Reduction Centre (DRRC) at the University of the West Indies. She has over 20 years national, regional and international experience in disaster risk reduction, pre and post disaster planning and interventions. Her pioneering work includes development of the first national hazard mitigation policy, national drought management plan, national strategic framework for disaster risk reduction, and use of science-based scenarios for disaster risk management planning. At regional and international levels she has served on several committees for the United Nations, OAS, ACS and CDEMA and currently chairs ICSU's Disaster Risk Reduction Committee for Latin America and the Caribbean. Her research interests include interdisciplinary disaster risk reduction research, science, policy and practice and integration of knowledge bases. She holds a PhD in Geochemistry from the University of the West Indies.

Ms Vimbai CHASI is the Project Coordinator for the Periperi U Consortium and also a Disaster Risk Researcher based at the Research Alliance for Disaster and Risk Reduction (RADAR), Stellenbosch University, South Africa. She has a Masters in Disaster Risk Science from the University of Cape Town with specialised training in assessing health in disaster situations from both Makerere University and the Université Catholique de Louvain. Her current research interests are in the role critical infrastructure plays as a mediator of vulnerability, everyday risk in informal settlements, disaster evacuations and communicable disease outbreaks. She has co-authored publications related to the impact of and lessons learnt from extreme weather events in the Western Cape, planning considerations for risk reduction in South African urban areas and changing humanitarian trends in Southern Africa.

Helene Jacot DES COMBES is a Senior Lecturer based at the University of the South Pacific (USP). She joined USP in 2010. She developed and has taught the course on Disaster Risk Management since 2011 and is currently supervising more than 10 MSc and PhD students on climate change adaptation and disaster risk management issues. She participated, as the USP representative, in the development of the Strategy for Climate and Disaster Resilient Development in the Pacific. She recently joined the EU funded PacTVET project. The purpose of the project is to enhance and/or create P-ACPs' regional and national capacity and technical expertise to respond to climate change adaptation (CCA), sustainable energy (SE) and disaster risk management (DRM) challenges.

Prof. Mateugue DIACK is the Coordinator of the Periperi U project at Gaston Berger University (GBU), Senegal. He holds a PhD in Soil Science from Purdue University, USA and is a reviewer of the Jamba Journal in DRR. Prior to becoming a Faculty member at GBU, he worked for the Agricultural Research Institute in Senegal (ISRA), leading a Soil Fertility programme that aimed to develop sustained soil productivity under rain-fed as well as irrigated agricultural lands. Since 2010, along with a GBU multidisciplinary team, he has implemented a DRR programme (through academic training, short courses and research activities) with an emphasis on Food Security.

Prof. Richard HAIGH is a Professor and Co-Director of the Huddersfield Centre for Disaster Resilience at the University of Huddersfield. He is also a Joint Editor of the International Journal of Disaster Resilience in the Built Environment, and Co-Chair of the International Conference on Building Resilience series. His research interests include the conceptual understanding of resilience, the reintegration and rehabilitation of conflict-affected communities in Sri Lanka, and engagement of the private sector in the development of societal resilience. Richard is the Principal Investigator of the ANDROID Disaster Resilience Network and has published over 25 peer reviewed journal articles, 1 edited book, 7 book chapters, and 13 reports for a variety of stakeholders. He was also the Acting Associate Head of the Research and a Research Professor at the School of the Built Environment, University of Salford. A full list of Richard's publications, projects, and national and international activities can be found at www.richardhaigh.info.

Dr Srikantha HERATH is currently Academic Director, Postgraduate Programmes and a Senior Academic Programme Officer at the Institute for the Advanced Study of Sustainability, United Nations University (UNU-IAS). He is also a Visiting Professor at the Integrated Systems for Sustainability Science, University of Tokyo. He engages in research and education in water security, climate change and disaster risk reduction. One of his major activities is the coordination of the University Network for Climate and Ecosystems Adaptation Research (UNCECAR), which is a coalition of universities of Asia Pacific, engaged in the joint development of educational, research and training programs for building resilience to global change impacts. His previous positions include Associate Professor and Guest Foreign Professor at University of Tokyo (1991-2002), senior research engineer in industry, Tokyo (1988-1991), Research Associate in Asian Institute of Technology, Thailand, (1983-1984) and civil and irrigation engineer in Sri Lanka (1980-1981).

Dr Rudiger KLEIN is the Executive Director of the global programme "Integrated Research on Disaster Risk" (IRDR), based at the Chinese Academy of Sciences, Beijing, and co-sponsored by ICSU, ISSC and UNISDR. He holds a PhD from the University of London and has been researching and lecturing widely across Europe and the Middle East, America, Asia and Africa. Prior to joining IRDR, he served inter alia at the Royal Netherlands Academy of Arts and Sciences as Director of the European Federation of 50+ National Academies, and managed a strategy portfolio "research and foresight" at European Science Foundation, the umbrella organisation of 80+ national funding agencies.

Ms Toni Yulo LOYZAGA is the Executive Director of the Manila Observatory and a Trustee of the Ateneo de Manila University. She holds a MA in Government from Georgetown University, Washington DC. In her current position she co-designs and oversees the implementation of the Observatory's strategic collaboration on climate and disaster risk reduction with the National Aeronautics and Space Administration, Japan Aerospace Exploration Agency and other organizations and sectors partners. She is also a member of the Science and Technology Committee of the UNESCO National Commission and represents the Observatory on the Philippines Department of Science and Technology's Committee on Space Technology Applications. In 2013, she was given special recognition by the Armed Forces of the Philippines (AFP) for her contribution to international emergency disaster response operations in the wake of Typhoon Haiyan.

Dr Diana MENYA is a Senior Lecturer in the Department of Epidemiology, School of Public Health at Moi University, Kenya. She is medical doctor, trained at the University of Nairobi, Kenya and has a MSc. degree in Clinical Epidemiology from McMaster University, Canada. She is also the co-director of the Primary Health Care Initiative (PHC) working group of the Academic Model Providing Access to Health (AMPATH) - a collaborative care, teaching, and research project which provides health care to a population of approximately 750,000 people in Western Kenya. Dr Menya has over 15 years' experience in University-level teaching and health research. She has led several randomized controlled studies and community based research. Additionally, she also headed the Department of Epidemiology and was Dean of the School of Public Health for two years.

Prof. Rajib SHAW is Professor in the Graduate School of Global Environmental Studies of Kyoto University, Japan. He is currently the Chair of the United Nations Asia Regional Task Force for Urban Risk Reduction as well as the Co-chair of UNISDR Science Technology Academia Stakeholder Group. His research interests are: community based disaster risk management, climate change adaptation, urban risk management, and disaster and environmental education. He has worked closely with the local communities, NGOs, governments and international organization, including United Nations, Asia. Professor Shaw has extensive publications in different journals, books and edited volumes.

Dr Karen SUDMEIER is an education and training consultant with the United Nations Environment Programme, for whom she develops training and teaching modules on ecosystem-based disaster risk reduction. She holds a PhD in Environmental Science from the University of Lausanne and Masters' degrees in international development and forest ecology. She is also a senior researcher at the University of Lausanne, Institute for Earth Science, where she manages projects on landslide risk reduction and bioengineering in Nepal as well as leading the thematic group on disaster risk reduction for IUCN's Commission on Ecosystems Management. She has published a number of articles on resilience for disaster risk reduction, and community-based landslide management in Nepal. She is the co-editor of a recent book, Renaud, F., Sudmeier-Rieux, K. and Estrella, M. (eds) (2013) "The Role of Ecosystems in Disaster Risk Reduction" UNU-Press. An additional two books are under development.

Prof. Kaoru TAKARA is the newly elected Director of Kyoto University's prestigious Disaster Prevention Research Institute. He is also Program Coordinator of the 'Inter-Graduate School Program for Sustainable Development and Survivable Societies. He is actively engaged with UNESCO as well as IWRA (International Water Resources Association). He also Chairs International Hydrological Programme of UNESCO - Regional Steering Committee for Southeast Asia and the Pacific and acts as Secretary-General of Asia Pacific Association of Hydrology and Water Resources (APHW). He is head of Disaster Prevention Technology and Policy Research laboratory. His academic journey started in 1981 in which he worked at Kyoto University Civil Engineering School (1981-1990), Gifu University Civil Engineering School (1990-1994), and Kyoto University Disaster Prevention Research Institute (1994-present). As a professor at the Graduate School of Engineering, Kyoto University, he supervised and produced more than 30 PhDs including overseas students from Brazil, China, India, Indonesia, Korea, Malaysia, Nepal, Philippines, Taiwan, Tanzania and Vietnam. His interest areas include hydrology, water resources, and disaster management.

Dr Christopher TREMEWAN has been the Association of Pacific Rim Universities' (APRU) 4th Secretary General since June 2011. He holds Bachelor's and Master's degrees in social anthropology from the University of Auckland, a Master's degree in Public Administration from Harvard University and a Ph.D. in Political Science (on Southeast Asian politics) from the University of Canterbury. As Secretary General he has led a consensus-building process to re-focus the organisation through implementing a new Strategic Framework that delivers increasing value to its members. Before heading the APRU Secretariat, he was the Vice-President/Pro Vice-Chancellor (International) of the University of Auckland, New Zealand's leading research university.

PERIPERI U POSTER EXHIBITION

To know more about Periperi U while still in Sendai, please come and see our poster at the Public Forum: Poster Sessions

PeriPeri U: Risk reduction through relevant, robust and responsive teaching and research in Africa.

Public Forum, Poster Sessions

Organizer(s):

PeriPeri U: Partners Enhancing Resilience for People Exposed to Risk

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Venue:

Tokyo Electron Hall Miyagi Room
N°: 501 & 502 Exhibition Room

See Map

All day event

Primary floor language: English



Periperi U
Partners enhancing resilience
for people exposed to risk

DISASTER RISK SCHOLARSHIP
that is relevant, robust and responsive

>19
DISASTER RISK-RELATED ACADEMIC PROGRAMMES AND MODULES ARE OFFERED BY THE PARTNERS. EACH PARTNER OFFERS A UNIQUE PROGRAMME WHICH REFLECTS THE MAJOR LOCAL RISK ISSUES EXPERIENCED IN THE REGION.

AN AFRICAN PARTNERSHIP OF 11 UNIVERSITIES

- Bahir Dar University, ETHIOPIA
- Makerere University, UGANDA
- Moi University, KENYA
- Ardhi University, TANZANIA
- Universidade Técnica de Moçambique, MOÇAMBIQUE
- University of Antananarivo, MADAGASCAR
- Stellenbosch University, SOUTH AFRICA
- Ahmadu Bello University, NIGERIA
- University of Ghana, GHANA
- Gaston Berger University, SENEGAL
- University of Science and Technology-Houari Boumediene, ALGERIA

>7
LANGUAGES OF INSTRUCTION OFFERED ACROSS THE PARTNERSHIP.

>82
POSTGRADUATES WITH 120 STUDENTS CURRENTLY ENROLLED ACROSS PARTNERSHIP

>2 220
THE CONSORTIUM HAS REACHED MORE THAN 2220 SHORT COURSE PARTICIPANTS THROUGH 88 SHORT COURSES. THE PARTNERS OFFER A VARIETY OF LOCAL RELEVANT SHORT COURSES AND OUTREACH INITIATIVES, WHICH STRENGTHEN HUMAN CAPACITY, REDUCE VULNERABILITY AND ENHANCE RESILIENCE.

IRDR ICoE
IN 2014 PERIPERI U WAS RECOGNISED BY THE INTEGRATED RESEARCH ON DISASTER RISK SCIENCE COMMITTEE AS AN INTERNATIONAL CENTRE OF EXCELLENCE TO RISK EDUCATION AND LEARNING (ICoE-REAL).

RESEARCH AND PUBLICATION
PERIPERI U PARTNERS HAVE UNDERTAKEN NUMEROUS RISK-RELATED RESEARCH PROJECTS / COMMISSIONS EXPLORING LOCALISED OR REGIONAL RISK AND VULNERABILITY. THE AIM OF SUCH RESEARCH IS TO GENERATE ENHANCED AWARENESS AND UNDERSTANDING THESE RISK ISSUES IN ORDER TO BETTER INFORM AND GUIDE LOCAL AND NATIONAL POLICY DEVELOPMENT.

>150
DISASTER RISK-RELATED RESEARCH OUTPUTS HAVE BEEN PRODUCED AND PUBLISHED IN VARIOUS AFRICAN AND INTERNATIONAL JOURNALS IN THE PAST 10 YEARS.

**extending connections
enhancing resilience**



The Partners Enhancing Resilience to People Exposed to Risks network (Periperi U) is a platform for university partnerships to reduce disaster risks in Africa with a special focus on advancing university action on risk and vulnerability reduction in Africa. Periperi U uses a multidisciplinary and trans-boundary approach, aimed at building sustainable "multitasking" capabilities in disaster risk and vulnerability reduction capacity building in 11 selected African institutions. The network is coordinated by the Research Alliance for Disaster and Risk Reduction at Stellenbosch University.

DIRECTIONS TO TOKYO ELECTRON HALL MIYAGI 401

(EXTRACTED FROM WCDRR CONFERENCE HANDBOOK)

Shuttle Services. Complementary shuttle service will be offered during the conference. The conference shuttle bus will also be available between the Sendai International Centre and the public forum venues. The conference shuttle bus will run one to three round trips per hour from 6:30 until 30 minutes after the closure of the meetings, during the Conference. The timetable will be updated before the Conference and shuttle stops will be announced at JR Sendai Station, major hotels and the conference venues. Advance reservation is not required. Details of the conference shuttle bus are subject to change.

Bicycle services. The Third UN World Conference on Disaster Risk Reduction is a green conference. Sendai City is pleased to offer an electric community bicycles service (called Daté Bike) to accredited participants, free of charge. 195 Date Bikes are available in the city of Sendai with 32 cycle ports (pick-up stations) around the city. During the Conference, four temporary ports will be designated at the Sendai International Centre, Hagi Hall of Tohoku University, Cafeteria at Kawauchi Campus of Tohoku University, and Sendai Mediatheque. A Daté Bike can be collected at the Sendai International Centre to cycle to the center of the city, where most official hotels are located.

A map is provided on the back cover of this booklet for easy navigation to Tokyo Electron Hall.

Taxis are a convenient way to travel. Most taxi drivers only speak Japanese, so it is best to point to your destination on a map.

Practical Advice

In Sendai, to obtain the direction of the Sendai International Centre, it is possible to show the following message to a Japanese speaker:

東京エレクトロンホール宮城 (宮城県民会館)

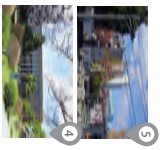
Area	Tohoku
Address	3-3-7 Kokubuncho, Aoba-ku, Sendai-shi, Miyagi
Website	http://miyagi-hall.jp
Telephone	022-225-8641

CITY MAP: TOKYO ELECTRON HALL

(EXTRACTED FROM WCDRR CONFERENCE HANDBOOK)

The main conference venue is the Sendai International Centre. This public forum event will be in the Tokyo Electron Hall Myagi 401 (indicated in orange on the map below). Details on how to get to the venue are available on page 12 of this booklet. Read more: www.wcdrr.org

Tohoku University
Kamawachi Campus
4-1, Katahira, Aoba-ku,
Sendai
Kaahira Campus
2-1-1, Katahira Aoba-ku
Sendai



Sendai Civic Auditorium
4-1 Sakuragasaki Kom,
Aoba-ku, Sendai



Sendai Mediaexchange
2-1 Kasagami-cho,
Aoba-ku, Sendai



Tokyo Electron Hall Myagi
3-3-7 Kokuramachi, Aoba-ku,
Sendai



TKP Garden City Sendai Kotodai
3-6-1 Kokuramachi, Aoba-ku,
Sendai



Koizumi Park
3 Honcho, Aoba-ku,
Sendai



L-Park Sendai
5/F, 6/F Floors, 141 building
Aoba-ku, Sendai



Sendai City Support Center for Civil Activities
4-1-3 Ichibancho, Aoba-ku,
Sendai



Sendai City Information & Indus try Plaza (SIF/IEP) TPO 2, Union City Sendai 2170E (AER)
1-3-1 Chuo, Aoba-ku, Sendai



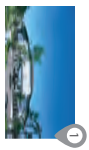
Sendai City Silver Center
1-3-2 Nakayama, Aoba-ku,
Sendai



Myagi Exhibition Centre
1-7, Maeda 3-Chome
Myagi-ku, Sendai
(Accessed via conference transport from Sendai JR Station)



SENDAI INTERNATIONAL CENTRE
Aoba-ku, Sendai
(Accessed via conference transport)



SENDAI CITY MUSEUM
Aoba Ward, Sendai
(Accessed via conference transport)



Tohoku University
Central Campus
40 Katahira, Aoba-ku,
Sendai

