



Collaborating Centre for Oxford University and CUHK
for Disaster and Medical Humanitarian Response
CCOUC 災害與人道救援研究所



IRDR ICoE CCOUC

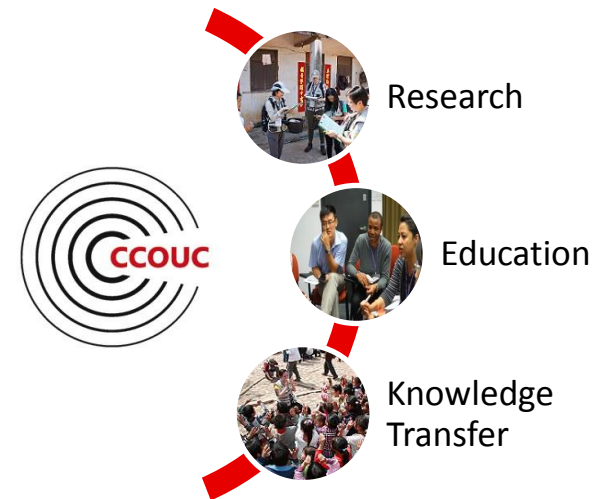
Collaborating Centre for Oxford University and CUHK for
Disaster and Medical Humanitarian Response (CCOUC),
The Chinese University of Hong Kong





CCOUC

- Established in 2011
- Mission - to serve as a **platform for research, education, and community knowledge transfer** in the areas of disaster and medical humanitarian crisis policy development, planning and response
- IRDR ICoE since Nov 2016





A Multi-disciplinary Team



- Medicine
- Public health
- Environment epidemiology
- Nutrition
- Public policy
- Communication
- Geography and resource management
- International relations
- Political and social sciences
- Finance



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INTERNATIONAL ENGAGEMENT



International Engagement

- Academic partner of:



- Integrated Research on Disaster Risk
International Centre of Excellence (IRDR ICoE)**

- Hosts one of the ICoEs worldwide since Nov 2016
- Focuses on health and DRR





International Engagement

- **WHO Thematic Platform for Health Emergency & Disaster Risk Management (H-EDRM) Research Network**
 - CCOUC Director as one of the co-chairs & CCOUC as secretariat since Sep 2016
 - Provides a multi-stakeholder and inter-disciplinary platform to coordinate activities, share information and provide technical advice to UN agencies and other stakeholders
- **UNISDR Asia Science Technology and Academia Advisory Group (ASTAAG)**
 - CCOUC Director as ASTAAG Member since May 2016
 - Provides policy advisory services to governments and other stakeholders to strengthen and advocate science-based decision making for DRR





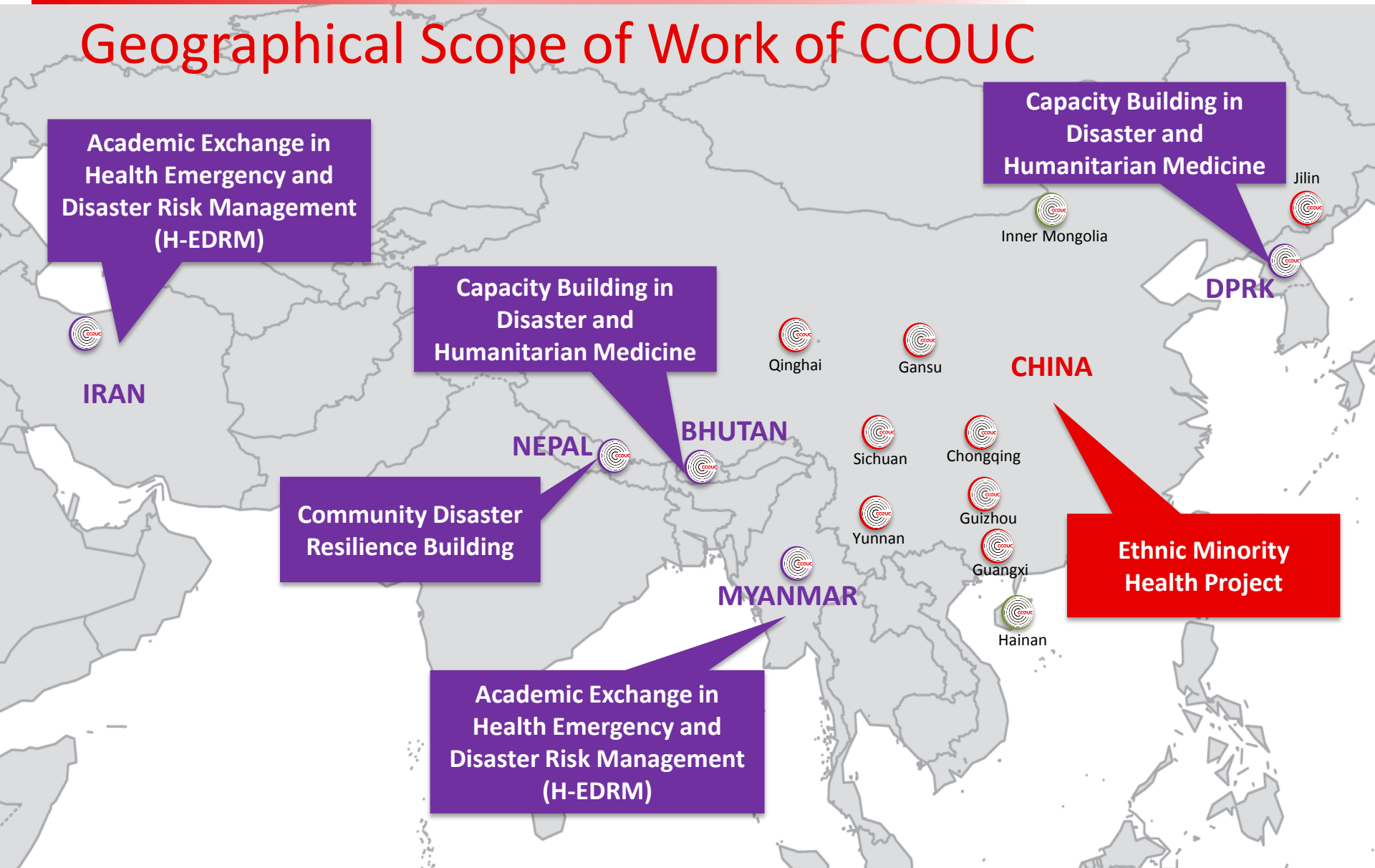
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PROJECTS



Geographical Scope of Work of CCOUC





China: Ethnic Minority Health Project





Focused Areas



**Disaster Risk
Reduction**



Climate Change



Waste Management



Environmental Health



Health Behaviour



Water & Sanitation

Disaster Preparedness Kit (Grab Bag)

Water & Sanitation

- ✓ Soap
- ✓ Towel
- ✓ 1.5L Water Bottle



Food & Nutrition

- ✓ Non-perishable Food
- ✓ Food guidelines for people with NCD



Shelter & Clothing

- ✓ Emergency Blanket
- ✓ Torch
- ✓ Multiple-purpose Knife
- ✓ Fire-starter



Health Services

- ✓ First Aid drugs
- ✓ Picture of current medications
- ✓ Guide on First Aid and ORS preparation



Information & Communication

- ✓ Whistle
- ✓ Family Portrait
- ✓ Copy of Identity Card
- ✓ Emergency contact information





Reach of Ethnic Minority Health Project, China

Dong

Hui

Manchu

Miao

Dai

Yi

Zhuang

Koreab

Tibetan

Lisu

Jingpo

Kunge

Bulang

Inner Mongolian

18,000+
Villagers Reached

14 Ethnic Minority Groups

10 Provinces

25 Villages Visited

15 Project Villages

~700 students, staff,
practitioners trained



CCOUC Project Sites



KEY			
	: Flood		: Snowstorm
	: Project sites visited		: Fire disaster
	: Rockfall		: Earthquake
	: Drought		: Mudslide

- | | |
|--|---|
| ① Gamai Village - Ethnicity: Tibetan   | ⑧ Bapa Village - Ethnicity: Dong  |
| ② Heihe Village - Ethnicity: Jingpo, Lisu    | ⑨ Nanjiang Village - Ethnicity: Dong   |
| ③ Manbangtang Village - Ethnicity: Kunge, Bulang    | ⑩ Gaoyou Village and Nongtuan Village - Ethnicity: Dong  |
| ④ Guai Village - Ethnicity: Zhuang   | ⑪ Macha Village - Ethnicity: Han  |
| ⑤ Hongyan Village - Ethnicity: Yi   | ⑫ Datan Village - Ethnicity: Hui    |
| ⑥ Ma'anqiao Village - Ethnicity: Dai, Yi   | ⑬ Dangzheng Village - Ethnicity: Han   |
| ⑦ Xingguang Village - Ethnicity: Miao   | ⑭ Dacao Village - Ethnicity: Manchu  |



Nepal: Community Disaster Resilience Building



Other Regional Trainings in Asia

- CCOUC – **Sphere Country Focal Point** for China since 2014 to promote internationally recognized minimum standards in humanitarian response for the Geneva-based **Sphere Project**
- Provides trainings on Sendai Framework / SDGs / Sphere Project etc. to gov't dept, academia & civil society organisation in:
 - Hong Kong (Department of Health / NGOs / secondary school teachers)
 - China (CDCs / NGOs)
 - Nepal (NGOs / academic institutions)
 - DPRK (State Commission on Disaster and Emergency Management / various gov't dept.)
 - Bhutan (academic institutions, gov't dept.)





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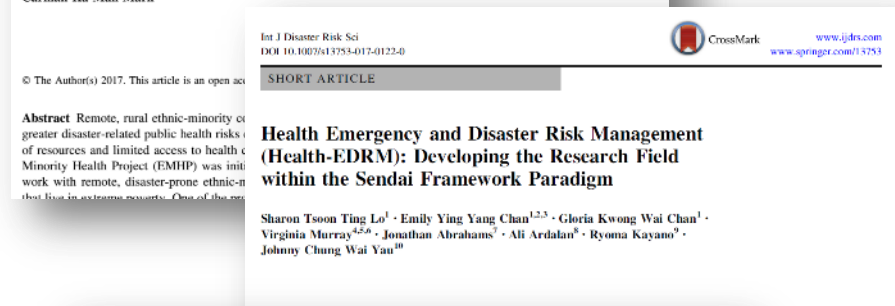
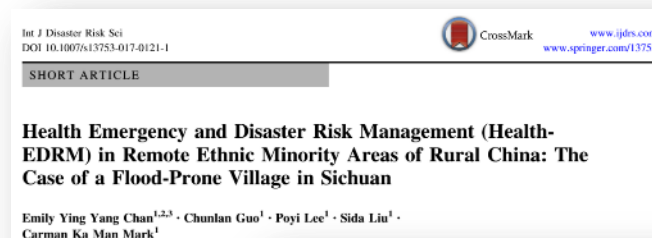


RESEARCH



Research Focuses

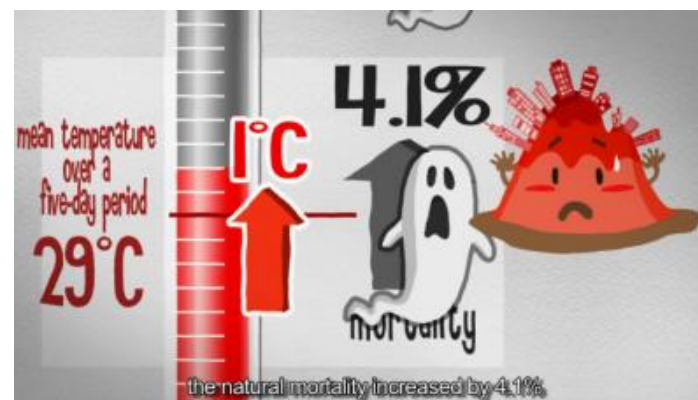
- Health Emergency and Disaster Risk Management (Health-EDRM)
 - Disaster literacy and resilience building
 - Disaster epidemiology



ence of consensus regarding
literation between stakehold
provides a useful paradigm
each field's strategic devel-
Platform for Health-EDRM
ed to coordinate activities.

Research Focuses

- Climate change, Environment and Health
- Humanitarian Medicine in Resource-Deficit settings / of Marginalized Population





Temperature Health Impact in Hong Kong

Hot Season

Cold Season

Mortality ↑ by 1.8% for every increase of 1°C above 28.2 °C

Cumulative mortality* ↑ by 3.8% for every decrease of 1°C

Hospital admissions ↑ by 4.5% for every increase of 1°C above 29 °C

Hospital admissions ↑ by 1.4% for every decrease of 1°C within the 8.2-26.9°C range

Health-related calls ↑ when max. temp. reaches 30-32 °C. About 49% of calls were for explicit health-related reasons

Help-seeking
e.g. Clinic attendance

12.7% Required medical help
82% Professional medical help
18% Self-care only

2% Required medical care
95% Professional Medical Health
(Western 70.0%/Chinese 25.0%)
5% Self-Care only

Mild symptoms and Discomfort

66.9% Have symptoms

1.9 % Heatstroke

Behavioral changes#

67.1% reported changes

88.4% reported changes

* Cumulative mortality is used because the lagged effect of coldness towards mortality is estimated to be 3 weeks. # Behavioral changes include *amount of physical activity, appetite, frequency of social activity, mood and sleeping quality*



Policy Briefs

Policy Implications for Managing Disasters for Better Protection of People with Non-communicable Diseases in Hong Kong

Emily YY CHAN, Samuel YS WONG, Heidi HUNG

Collaborating Centre for Oxford University and CUHK for Disaster and Medical Humanitarian Response (CCOUC), The Chinese University of Hong Kong

Policy Brief
September 2017

Policy Implications for Managing Older People in Disaster

Emily YY CHAN, Heidi HUNG, Gloria KW CHAN

Collaborating Centre for Oxford University and CUHK for Disaster and Medical Humanitarian Response (CCOUC), The Chinese University of Hong Kong

Policy Brief
April 2017

Policy Implication of Health Impacts of Climate Change in Hong Kong

Policy Brief

October 2016

Emily YY CHAN, Heidi HUNG, Gabriel NC LAU, Edward YY NG

Collaborating Centre for Oxford University and CUHK for Disaster and Medical Humanitarian Response (CCOUC), The Chinese University of Hong Kong

Institute of Environment, Energy and Sustainability (IEES), The Chinese University of Hong Kong

The Disaster and Emergency Management System in China

WANG Zhe, Emily YY CHAN, Kevin Sida LIU, May PS YEUNG

Collaborating Centre for Oxford University and CUHK for Disaster and Medical Humanitarian Response (CCOUC), The Chinese University of Hong Kong

Policy Brief
May 2016

Hong Kong's Emergency and Disaster Response System

Emily YY CHAN, May PS YEUNG, Sharon TT LO

Collaborating Centre for Oxford University and CUHK for Disaster and Medical Humanitarian Response (CCOUC), The Chinese University of Hong Kong

Policy Brief
October 2015





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EDUCATION AND KNOWLEDGE TRANSFER





Disaster Education

Master of Public Health modules

- Disaster and humanitarian crisis
- Climate change and planetary health
- Health and human security
- Risk communication
- Disaster research methods
- Food security

Certificate courses

- Research methodology in disaster and medical humanitarian response

Online learning

- Public health principles in disaster and medical humanitarian response
- Climate change and health
- Research methods
- Human security
- Disaster hand language

DISASTER AND MEDICAL HUMANITARIAN RESPONSE SUMMER INSTITUTE 2018

POPG 5006 DISASTER AND HUMANITARIAN CRISIS
19 - 22 JUNE 2018

*Faculty: Prof. Emily YY CHAN (Professor, JC School of Public Health and Primary Care, CUHK)
Mr. Cheuk Pang CHU (Nurse, Collaborating Centre for Oxford University and CUHK for Disaster and Medical Humanitarian Response)
Mr. Kevin LIU (Senior Research Assistant, Collaborating Centre for Oxford University and CUHK for Disaster and Medical Humanitarian Response)*

This course offers an overview of the disaster management cycle and the public health and medical implications of disaster and humanitarian crisis. It aims to show how public health principles may be applied in disaster relief and how evidence-based health related humanitarian actions can be planned, implemented and evaluated.

POPG 5014 RESEARCH METHODOLOGY FOR DISASTER AND MEDICAL HUMANITARIAN RESPONSE
23 JUNE, 3 - 4 JULY 2018

Faculty: Prof. May PS YEUNG (Assistant Professor, JC School of Public Health and Primary Care, CUHK)

Participants will understand the principles of planning, implementing, and disseminating research in the context of disaster and humanitarian settings. It aims to show how public health and research principles can be applied.

POPG 5013 GLOBAL HEALTH PERSPECTIVES OF HUMANITARIAN CRISIS & HUMAN SECURITY
5 - 7, 9 JULY 2018

*Faculty: Prof. Emily YY CHAN (Professor, JC School of Public Health and Primary Care, CUHK)
Dr. Nevio ZAGARIA (World Health Organisation Representative in Yemen)
Dr. Selina LO (Senior Editor, The Lancet)
Prof. Sanoj RAJAN (ICCR India Chair Visiting Professor and Visiting Scholar, Faculty of Law, CUHK)*

Through various real-life case studies and practical applications, this course will provide participants with an understanding of how the human security and health security concepts are applied in public health practices, especially under emergencies and disasters.

CME accreditation
(To be applied)

Free of Charge

WHERE TO STUDY?

JC School of Public Health & Primary Care,
Prince of Wales Hospital,
Shatin, N.T., Hong Kong

(8mins walk from City One MTR Station)

WHO CAN APPLY?

- Bachelor degree holder of all disciplines
- Competent in English (The course will be taught in English with interactive discussion throughout the lectures)

HOW TO ENROLL?

Apply via the following link by **30 April 2018**.

<http://bit.ly/2CZLzY6>

Places are limited to first-come-first-serve basis. Results will be released around 1 week after application deadline.

ENQUIRY

Dr. Tony Yung
(Senior lecturer, CUHK)
Email: yungtony@cuhk.edu.hk
Tel : +852 2252 8468

WEBSITE

Check out more at www.ccouc.org

Public Health Principles in Disaster and Medical Humanitarian Response

Enroll for this free online course to gain insight and theoretical understanding of the public health issues related to disaster and medical humanitarian relief, particularly in the Asia Pacific Region. The course comprises of 7 lessons covering ...

[Learn more -->](#)

CCOUC @ Apr 2018



Croucher Summer Course 2017

Research Methodology for Disaster and Medical Humanitarian Response

- A 5-day residential course for postgraduate students, early career researchers and experienced practitioners or policy makers
- IRDR Young Scientists
 - Application: 11, Shortlisted: 7, Accepted: 5





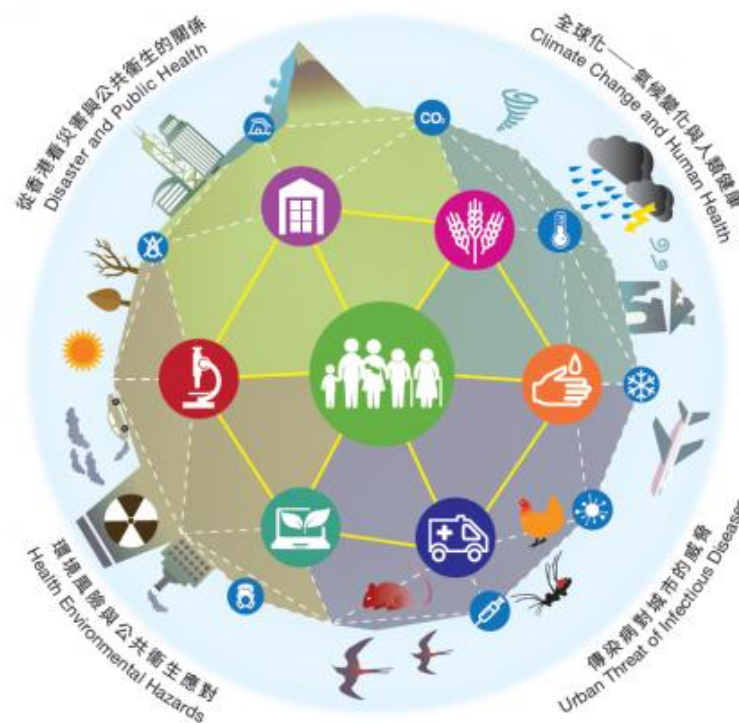
Meeting with IRDR Young Scientists



Name	Position	Financial support
Ms Yan Cui (China)	Lecturer, School of Law, Shandong University at Weihai	Scholarship
Ms Sandra Delali Kemeh (Ghana)	Research Fellow, World Agroforestry Center	Scholarship, Travel grant
Mr Diocel Harold Aquino (Philippines)	PhD student in Civil Engineering, The University of Auckland	Scholarship
Mr MD. Shamsuzzoha (Pakistan)	Assistant Professor and Chairman, Dept of Emergency Management, Patuakhali Science and Technology University	Scholarship
Mr Shah Nawaz Khan (Pakistan)	PhD candidate / Lecturer, University of Peshawar	Scholarship, Travel grant

Professional Development Programmes (PDPs) for Secondary School Teachers in Hong Kong

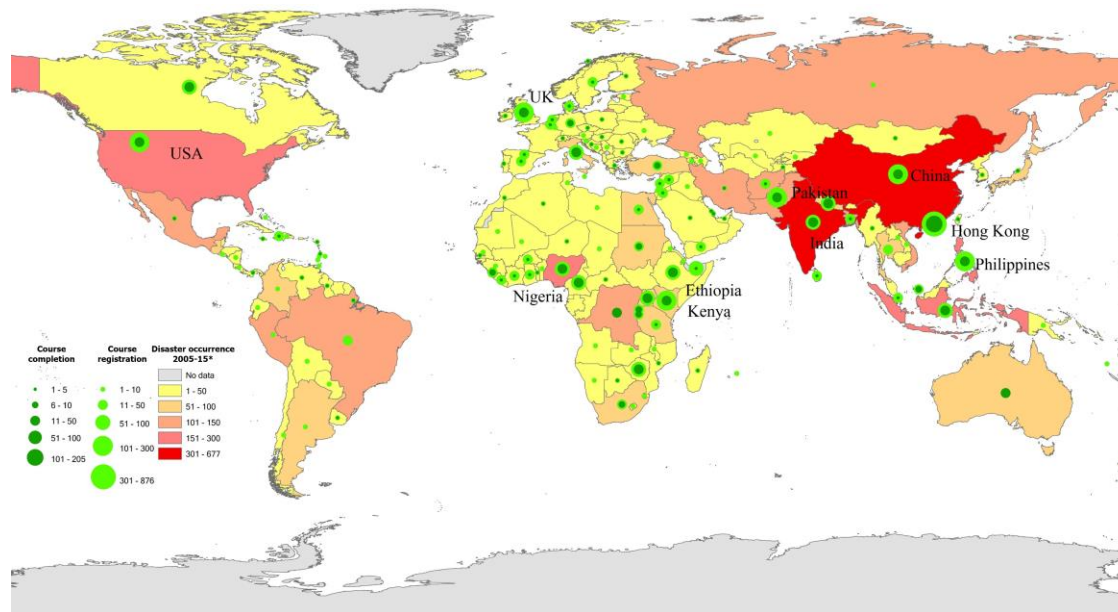
- Relationship between Disasters and Public Health from a Hong Kong Perspective
- Globalisation: Climate Change and Human Health
- Urban Threat of Infectious Diseases
- Health Environmental Hazards and Public Health Responses



Massive Open Online Course (MOOCs)

- Health Principles in Disaster and Medical Humanitarian Response
- Climate Change and Health
- Disaster Field Research Methods

More than 5,000 students from all continents have enrolled in the first six cohorts offered since June 2014.





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Thank you!

