

Course Syllabus

Class/Department : International Program on Urban Governance, College of Public Affairs ; Goble Climate Change and Sustainable Development Program (全球變遷與永續發展英語學分學程), College of Public Affairs

Course Title: Seminar on Disaster Management 災難管理專題

Grade(應修系級) : graduate I

Type: Required Selective Whole Half

Credits: 2

Course Number:

Prerequisite Course: none

Course Objective:

Disaster management (DM) is implementation-oriented and also interdisciplinary in nature. DM typically involves a series of activities related to different phases of the disaster cycle. There are mitigation and preparedness in the pre-disaster phase. And also, there have relief operation, recovery and reconstruction in post-disaster. Due to the climate change and many other contributing factors, nature disasters occur much more frequently than before and cause a devastating impact on human life and tremendous amount of economic losses.

This course provides an overview of different aspects of DM and also discusses some of the emerging globe trends regarding disaster risk and relief management. The main purpose of this course is not only to equip students with the knowledge in DM, but also help them learn how apply the DM knowledge to their dairy life. The course is taught and discussed manly in English which also help students interact with the international community of DM.

Course Outline: (including teaching schedule)

The course is divided into eight different topics for discussion. Each topic is described as follows:

1. Introduction: Disaster Management- An Overview
Rajib Shaw and R R Krishnamurthy
2. Social Vulnerability: Who Draws the Line? Where and Why?
Ben Wisner
3. Environmental Vulnerability and Disaster Risk Reduction
Hari Srinivas
4. Community Capacity and Disaster Resilience
Lorna P Victoria
5. Designing Resilience: Building Community Capacity for Action

Louise K Comfort and Clayton Wukich

6. Institutional Capacity in Disaster Management: The Red Cross and Red Crescent Movement

Jeong Park

7. Corporate Sector and Disaster Risk Reduction: A Community-focused Approach

Takaaki Miyaguchi and Rajib Shaw

8. Concluding Discussion: Disaster Management- The Way Ahead

Rajib Shaw and R R Krishnamurthy

學生核心能力權重：八項加總為 100，不需每項均得填寫，惟至少需填一項

Item	Creative thinking and Problem-solving 創意思考與問題解決	Comprehensive integration 綜合統整	Communication and Coordination 溝通協調	Team cooperation 團隊合作
Weight	30	X	30	X
Item	Integrity and Upright 誠信正直	Respect and Reflection 尊重自省	Diverse care 多元關懷	Cross-border cooperation 跨界合作
Weight	X	X	X	40

Career Development:

This course is particularly helpful for those students of career path that is directed toward public services in governments and nongovernmental organizations.

Evaluation Methods:

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| 1. Class attendance, participation and discussion | 30% |
| 2. Oral presentation with selected topic | 30% |
| 3. Term paper | 40% |

Required texts:

Shaw, Rajib and R. R. Krishnamurthy ed. 2009. *Disaster Management: Global Challenges and Local Solutions*. Himayatnagar, India: Universities Press (India) Private Limited.

Reference texts:

- Ansell, C. and A. Gash. 2008. "Collaborative Governance in Theory and Practice." *Journal of Public Administration Research and Theory*, 18(4): 543-571.
- Ansell, Chris, Arjen Boin, and Ann Keller. 2010. "Managing Transboundary Crises: Identifying the Building Blocks of an Effective Response System." *Journal of Contingencies and Crisis Management* 18(4): 195-208.
- Banipal, K. 2006. Strategic approach to disaster management: Lessons learned from Hurricane Katrina, *Disaster Prevention and Management*, 15(3), 484-494.
- Bharosa, N., Lee, J., Janssen, M. 2010. Challenges and obstacles in sharing and coordinating information during multi-agency disaster response: Propositions from field exercises, *Information System Front*, 12, 49-65.
- Boin, R. A. and J. Egan. 2011. "Hurricane Gustav: The Management of a Transboundary Crisis." In U. Roenthal et al. eds. *Megacrises* Charles C. Thomas. Springfield.
- Comfort, L. K., Ko, K. Zagorecki, A. 2004. Coordination in rapidly evolving disaster response systems, *American Behavioral Scientist*, 48(3), 295-313.
- McEntire, David, A. 2002. "Coordinating Multi-Organizational Responses to Disaster: Lessons from the March 28, 2000, Forth Worth Tornado." *Disaster Prevention and Management* 11(5): 369-379.
- Janssen, M., Lee, J. Brahrosa, N. & Cresswell A. 2010. Advance in multi-agency disaster management: Key elements in disaster research, *Information System Front*, 12, 1-7.
- Quarantelli, E. L. 1997. Problematical aspects of the information/communication revolution for disaster planning and research: Ten non-technical issues and questions, *Disaster Prevention and Management*, 6(2), 94-106.