

FALL 2014

**PLAN 670/DS 735**

Seminar in Disaster Management & Humanitarian Assistance

Tuesday Mornings

9:00 – 12:00 PM

A.K. Kemal Room, PIDE

Imes Chiu, Ph.D., Lecturer of Urban & Regional Planning

Chief of Applied Research, Center for Excellence in Disaster Management & Humanitarian Assistance

(Co-instructor in PIDE: Feriyal Amal Aslam, Ph.D., Anthropologist & Head of Department Development Studies, Pakistan Institute of Development Economics)

Office Hours: Tuesday 12-1p.m

**Overview**

This course provides an interdisciplinary perspective on the field of disaster management and humanitarian assistance with a specific focus on risk reduction. While invited speakers from academic, government, and industry sectors from across the globe would speak on various topics on all phases of the disaster cycle such as preparedness, response, recovery, and adaptation to environmental change and development, the course emphasizes skills and knowledge relevant to urban and regional planners. Discussions on case studies of major and minor disasters train students with the right blend of academic and practical approaches to help build resilience of communities and reduce their vulnerabilities to hazards. The course is a core requirement for the Graduate Certificate in Disaster Management and Humanitarian Assistance.

**Learning Objectives**

1. Describe the foundations and key dimensions of disaster management in the international contexts
2. Understand the interdisciplinary nature of the field and recognize that disaster studies as an emerging field
3. Integrate planning theories, methods, tools, and practices to reduce potential for disasters from an urban planning perspective
4. Provide examples of best practices from actual disaster response case studies
5. Development your own expertise in an area of inquiry related to disaster management and humanitarian assistance

**Course Structure & Materials**

This course is structured as a graduate level international seminar. It can best be thought of as the detailed examination of the anatomy of a disaster – a complete look at the rebuilding process of a post-disaster city. The course blends disaster management and urban planning using the case method of classroom teaching with team and individual projects working on specific topic of the course. Lessons learned from various disasters will be discussed and recovery cases constitute the backbone of the course.

Weekly seminar discussions of assigned readings and case studies allow students opportunities to be fully engage in the course. There are no assigned textbooks. All required course readings will be available as weblinks. Guest lecturers and presentations by practitioners, researchers, and professional provide a combined blend of academic and practical perspective to disaster management.

## Course Requirements

Each individual or group will provide a presentation on a selected topic and lead discussions. Students are encouraged to add to the course portal links, articles, files and other contributions as well as invite interesting people to speak in the class. Everyone would share their ideas, energy and discoveries with the class. Weekly papers, tests and class participation determine performance. (There is no final paper required for Dr.Imes but for PIDE students there will be a final sit in exam.)

## Grading

Grades will be determined by:

Assignment #1: What Went Wrong? (15%)

Assignment #2 Weekly Response Papers & Tests (25%)

Assignment #3 Student/Individual Presentation on a Selected Topic (25%)

Class Participation (25%)

Class Contribution (10%)

(The above will be graded by Dr.Imes and weight to a total of 50% for final assessment)

PIDE final exam (50%)

## Contact Information

If you have any questions or want to talk about an assignment, please write me at [imes.chiu@gmail.com](mailto:imes.chiu@gmail.com) and cc your instructor Dr.Feriyal Amal Aslam at [feriyal@pide.org.pk](mailto:feriyal@pide.org.pk)

## Course Schedule & Readings

August 26—Introduction and Overview of the Course

- What is this course about?
- How will the course be organized?
- Who is meant for?
- What are your interests and backgrounds?
- Discuss grading and assignments

September 2—No Class, Labor Day

- Time to organize for the rest of the term;
- Identify and propose your projects and papers:
- Work on the first assignment – What went wrong?

September 9—Hazard, Vulnerability, Risk and Resilience

R.W. Perry and E.L. Quarantelli, eds. (2005) *What is a Disaster? New answers to old questions*. International Research Committee on Disasters, 2005.

<http://www.saarc-sadkn.org/downloads/what%20is%20disaster.pdf>

UNISDR Terminology on Disaster Risk Reduction

<http://www.unisdr.org/we/inform/terminology>

September 16—Anatomy of a Disaster I

Mileti, D. 1999. Disasters by Design

[http://www.aonline-aon.com/public/intelligence/disasters\\_by\\_design.pdf](http://www.aonline-aon.com/public/intelligence/disasters_by_design.pdf)

Donohue, A. and R. V. Tuohy. *Lessons We don't Learn: A Study of the Lessons of Disasters, Why We Repeat Them and How We Can Learn From Them*. Homeland Security Affairs.

<http://www.hsaj.org/?fullarticle=2.2.4>

Twigg, John. 2007. Characteristics of a Disaster-Resilient Community

<https://practicalaction.org/docs/ia1/community-characteristics-en-lowres.pdf>

Submit Readings for 23 SEPT

September 23—Anatomy of a Disaster II

Cities At Risk: understanding cyclones, tsunamis, earthquakes, volcano, landslide, flood and other hazards

Villagran De Leon, Juan Carlos. Vulnerability: a conceptual and methodological review. Publication 4/2006, United Nations University/Institute for Environment and Human Security. 2006

<http://www.ehs.unu.edu/file/get/8337>

September 30—International Perspectives on Disaster Management

*World Conference on Disaster Reduction*. Hyogo Declaration. 18-22 January 2005. Extract from final report and conference proceedings:

<http://www.unisdr.org/2005/wcdr/intergover/official-doc/L-docs/Hyogo-framework-for-action-english.pdf>

Living with Risk. A Global Review of Disaster Reduction Initiatives.

International Strategy for Disaster Reduction. Geneva. Switzerland. 2002.

<http://www.unisdr.org/we/inform/publications/657>

Global Assessment on Disaster Risk Reduction

<http://www.unisdr.org/we/inform/publications/33013>

October 7—Case Study: Aceh

Curran, D. and Leonard, H. 2005. Recovery in Aceh: Towards A Strategy of Emergence

<http://www.hbs.edu/faculty/Publication%20Files/05-082.pdf>

Submit Readings for Pakistan Case Study

October 14—Case Study: Pakistan

Overview of Pakistan disaster and humanitarian crisis in recent history with a specific focus on floods  
Invited Speaker: TBA

October 21—Complex Emergencies: Super Typhoon Haiyan

CSIS Typhoon Haiyan: Lessons Learned in Effective Coordination of International Disaster Relief  
<http://csis.org/event/typhoon-haiyan-lessons-learned-effective-coordination-international-disaster-relief>

Oxfam. Typhoon Haiyan: The Response So Far and Vital Lessons for the Philippine(s) Recovery  
<http://www.oxfam.org/sites/www.oxfam.org/files/bn-typhoon-haiyan-philippines-response-071213-en.pdf>

Lessons Learned from the Philippine Government's Response to Typhoon Haiyan  
<http://www.ncbi.nlm.nih.gov/pubmed/24854734>

October 28—Civil Military Operations

The Effectiveness of Foreign Military Assets in Natural Disaster Response  
[http://reliefweb.int/sites/reliefweb.int/files/resources/236476AD3257088DC125741000474F20-sipri\\_mar2008.pdf](http://reliefweb.int/sites/reliefweb.int/files/resources/236476AD3257088DC125741000474F20-sipri_mar2008.pdf)

UNOCHA: Humanitarian Civil-Military Coordination  
<http://www.unocha.org/what-we-do/coordination-tools/UN-CMCoord/overview>

Oslo Guidelines  
[https://docs.unocha.org/sites/dms/Documents/Oslo%20Guidelines%20ENGLISH%20\(November%202007\).pdf](https://docs.unocha.org/sites/dms/Documents/Oslo%20Guidelines%20ENGLISH%20(November%202007).pdf)

Future Directions in Civil-Military Responses to Natural Disasters  
<https://docs.unocha.org/sites/dms/Documents/ENGLISH%20VERSION%20Guidelines%20for%20Complex%20Emergencies.pdf>

See also country/situation specific guidelines, foreign military and civil defense assets in support of humanitarian emergency operations

November 4—Perspective from the US

Robert T. Stafford Disaster Relief and Emergency Assistance Act, as amended, and Related Authorities, FEMA 592, June 2007.  
[http://www.fema.gov/pdf/about/stafford\\_act.pdf](http://www.fema.gov/pdf/about/stafford_act.pdf)

FEMA. 2012. The State of FEMA

[https://www.fema.gov/pdf/about/state\\_of\\_fema/state\\_of\\_fema.pdf](https://www.fema.gov/pdf/about/state_of_fema/state_of_fema.pdf)

Obama, Barack. 2011. Presidential Policy Directive/PPD-8: National Preparedness  
<http://www.dhs.gov/presidential-policy-directive-8-national-preparedness>

National Response Framework  
<http://www.fema.gov/national-response-framework>

Storm That Drowned a City  
<http://www.pbs.org/wgbh/nova/earth/storm-that-drowned-city.html>

Frontline documentary (video available online), “The Storm,” WGBH Boston Video, 2005.  
<http://www.pbs.org/wgbh/pages/frontline/storm/view/>

U.S. House of Representatives, “A Failure of Initiative: Final Report of the Select Bipartisan Committee to Investigate the Preparations and Response to Hurricane Katrina,” U.S. Government Printing Office, 2006.  
<http://www.gpoaccess.gov/katrinareport/mainreport.pdf>

The White House, “The Federal Response to Hurricane Katrina: Lessons Learned,” February 2006.  
<http://permanent.access.gpo.gov/lps67263/katrina-lessons-learned.pdf>

U.S. Senate, “Hurricane Katrina: A Nation Still Unprepared,” Special Report, Committee on Homeland Security and Government Affairs, Government Printing Office, S. Rept. 109-322. 2006.  
<http://www.gpoaccess.gov/serialset/creports/katrinanation.html>

November 11—No Class, Veteran’s Day

November 18—Disaster Recovery & Rebuilding

Rebuilding for Resilience: Fortifying Infrastructure to Withstand Disaster  
[http://www.pwc.com/en\\_GX/gx/psrc/publications/assets/pwc-rebuilding-for-resilience-fortifying-infrastructure-to-withstand-disaster.pdf](http://www.pwc.com/en_GX/gx/psrc/publications/assets/pwc-rebuilding-for-resilience-fortifying-infrastructure-to-withstand-disaster.pdf)

Rebuilding for a Better Urban Future  
<http://unhabitattyphoonhaiyanresponse.wordpress.com/>

Typhoon Haiyan: A Look at Public Health’s Role in Disaster Recovery  
<http://blogs.cdc.gov/publichealthmatters/2013/11/typhoon-haiyan/>

From the Philippines to Haiti, Disaster Recovery is a Way of Life  
[http://dotearth.blogs.nytimes.com/2013/11/11/from-the-philippines-to-haiti-disaster-recovery-is-a-way-of-life/?\\_php=true&\\_type=blogs&\\_r=0](http://dotearth.blogs.nytimes.com/2013/11/11/from-the-philippines-to-haiti-disaster-recovery-is-a-way-of-life/?_php=true&_type=blogs&_r=0)

FEMA  
<http://www.ready.gov/recovering-disaster>

November 24—Climate Change

US National Climate Assessment. 2014

<http://nca2014.globalchange.gov/>

Climate Change and Disaster Management in Bangladesh

[http://cmsdata.iucn.org/downloads/disaster\\_1.pdf](http://cmsdata.iucn.org/downloads/disaster_1.pdf)

Preparing For The Rising Tide. 2012

[http://www.tbha.org/sites/tbha.org/files/documents/preparing\\_for\\_the\\_rising\\_tide\\_final.pdf](http://www.tbha.org/sites/tbha.org/files/documents/preparing_for_the_rising_tide_final.pdf)

December 2—Small Island State & Indigenous Knowledge

Pelling, M and Uitto, J. 2001. Small Island Developing States: Natural Disaster Vulnerability and Global Change

[http://www.tc.umn.edu/~blume013/pelling\\_Uitto\\_sm\\_islands.pdf](http://www.tc.umn.edu/~blume013/pelling_Uitto_sm_islands.pdf)

UNESCO, Jakarta

<http://www.unesco.org/new/en/jakarta/natural-sciences/small-islands-and-indigenous-knowledge/>

LINKS activities

<http://www.unesco.org/new/en/jakarta/natural-sciences/small-islands-and-indigenous-knowledge/local-and-indigenous-knowledge-systems-links/>

December 9—Class Wrap Up & Consultation