

4.217 - 11.315

DISASTER-RESILIENT DESIGN



This seminar was conceived during the period of the Haiti earthquake, BP oil spill, and Indus River flooding. It was revised after the 2011 tsunami in Japan, and we must in 2012 consider the mid-American drought, Assam flooding, Manila flooding, Iran earthquake, and the continuing “complex emergency” in Afghanistan (ReliefWeb, 2012). In each case, we want to ask how can designers and planners contribute to disaster risk-reduction, reconstruction, and resilience?

This seminar seeks to prepare students for natural hazard design studios, workshops, and projects—before a disaster occurs. It has the following objectives specific to the field of disaster-resilient design:

- *Hazards Preparedness and Mitigation in Planning and Design*
- *Retrofit of Existing Settlements and Landscapes*
- *Recovery and Reconstruction after Disaster*
- *Resettlement of Displaced Peoples in Less Vulnerable Locations*
- *Commemorative Design*
- *Integration of the Above*

In addition to focusing on these forms of practice, this year we will develop and test a conceptual model of the inter-relationships among retrofit, reconstruction, and relocation, stimulated by AKDN agency programs in South and Central Asia.

Fall 2012

DAY:	Tuesday
TIME:	9:00 -12:00
ROOM:	5-216
PROF:	James Wescoat
UNITS/LEVEL:	3-0-6 G
REQUISITE:	Permission of Instructor

