

The Institute for the Study of Society and Environment  
(ISSE) presents:

The Frontiers of Human Dimensions Science Research  
Seminar Series



**NCAR**

*Our inaugural speaker:*

**Kathleen Tierney, Ph.D.**

Director, Natural Hazards Research and Applications Information Center  
The University of Colorado at Boulder

**Crossing Boundaries: The Value of Multidisciplinary and  
Interdisciplinary Research for Disaster Loss Reduction**

It is widely recognized that collaboration among physical scientists, engineers, and social scientists is required in order to save lives and reduce losses from future disasters. Despite calls for more collaborative research, achieving success in research that spans disciplinary boundaries is difficult. This presentation focuses first on barriers that need to be overcome in order to achieve effective interdisciplinary and multidisciplinary collaboration. Next, using two case examples--disaster warning systems and hazard loss estimation--Prof. Tierney illustrates why addressing such challenges cannot be addressed except through contributions from multiple disciplines. The presentation concludes with a discussion of factors that lead to successful collaborative work across disciplines.

**Tuesday, January 23, 2007**

**NCAR Mesa Lab Main Seminar Room**

**1:00-2:15 pm**

**Refreshments will be served prior to the seminar**

**For more information or directions, please contact:**

**kskitt@ucar.edu**

**(303)497-8117**

Other distinguished speakers in this seminar series will include: **Rosina Bierbaum, Roger Kasperson, Diana Liverman, Bill Clark, & Oran Young**

**Save the Date! Next month's speaker is:**

**Rosina Bierbaum**, Dean of the School of Natural Resources and Environment at the University of Michigan, Ann Arbor. Dr. Bierbaum will speak on February 23 at the CG1 Auditorium