

Eve Gruntfest, Ph.D. Geography

Trauma, Health and Hazards Center
University of Colorado at Colorado Springs
PO Box 7150
Colorado Springs, CO 80933-7150



Abstract:

An analysis and discussion of societal impacts, response, mitigation and warning challenges associated with flash flooding.

Bio:

Eve has been working in the field of natural hazard mitigation for more than 30 years. She has published widely and is an internationally recognized expert in the specialty areas of warning system development and flash flooding. She received all her degrees in geography. Her BA degree is from Clark University and her Master's and Ph.D. were completed at University of Colorado Boulder.

In 2008, Eve launched a new three-year initiative called SSWIM - Social Science Woven into Meteorology at The National Weather Center in Norman, Oklahoma.

In 2005 as part of a sabbatical at the National Center for Atmospheric Research Eve invented the WAS * IS movement (Weather and Society Integrated Studies) as part of the Societal Impacts Program. As of August 2008, there are 172 WAS * ISers, mostly early career people who are dedicated to making meteorology more societally relevant. Since 2005 she has been the co-director of WAS * IS (www.sip.ucar.edu/wasis).

In 2003, Eve received National Science Foundation funding for a 5-year project evaluating warnings for short fuse weather events, particularly tornadoes and flash floods. Working with her colleague Chip Benight from psychology, the project studied how demographic changes, new technologies and new sources of information should be reflected in warning policy. The study focused on Denver, CO and Austin, TX.

During the spring of 2003 Eve was a Fulbright Scholar serving as the Distinguished Chair of Geography and University of Trieste, Italy.

In 2002, she co-edited the volume Coping with Flash Floods (Kluwer 2000) that brings together papers from leading experts who participated at the 1999 NATO Advanced Studies Institute that she organized and held in Ravello, Italy.

She spent two years (1998 and 2000) as an invited senior scholar at the Cooperative Institute for Research in the Atmosphere at Colorado State University in Fort Collins.

She has spoken to many professional organizations in the U.S. including the Association of State Floodplain Managers, the National Weather Service, and the Hydrologic Engineering Center of the U.S.

Army Corps of Engineers, COMET at the National Center for Atmospheric Research, and the Forecast Systems Laboratory of the National Oceanic and Atmospheric Administration. She has participated in numerous workshops sharing lessons from research on warning systems and flash flooding.

She has completed contract work with several agencies including the Bureau of Reclamation, the Corps of Engineers, the National Weather Service, and has served in an advisory capacity to National Research Council, NOAA, and the National Science Foundation. She has been an invited expert at The Weather Channel and is featured in two flash flood documentaries.

As of 2008, Eve is Professor Emeritus in the Geography and Environmental Studies Department at University of Colorado Colorado Springs after 27 years as a professor. She taught a wide range of courses with particular emphasis on human geography, disasters and society, women in the world, and environmental planning