

Bob Freitag
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POSITIONS

Present: Bob Freitag is Senior Instructor and Director of the Institute for Hazards Mitigation Planning and Research (IHMP), and Director of the Master of Infrastructure Planning and Management (MIPM) Floodplain track. The University of Washington Institute for Hazards Mitigation is an interdisciplinary academic Institute housed in the College of Architecture and Urban Planning within the College of Built Environments at the University of Washington. <http://depts.washington.edu/mitigate/>. The MIPM floodplain track offers a degree option in Floodplain Management, allowing students to earn their master's with a focus on the study of coastal and riverine floodplain management. <http://www.infrastructure-management.uw.edu/overview/floodplain/> Freitag is also a Certified Floodplain Manager and past member of the Board of Directors with the Association of State Floodplain Managers (ASFPM)

1999-2010: Executive Director of the Cascadia Region Earthquake Workgroup (CREW) (www.crew.org)

1978 – 1999: Employee of the Federal Emergency Management Agency and its predecessor agencies, the National Flood Insurance Administration. Responsibilities included being appointed as one of six FEMA national mitigation pilot project managers for FEMA's national initiative, Project Impact. While with FEMA served as special advisor to Regional Director on mitigation policy issues, was appointed by President Clinton as the Federal Coordinating Officer (FCO) to manage declared disaster response and recovery operations in Alaska, Washington, Oregon and Idaho. Supervised a cadre of over 200 engineers, planners, architects and accountants in implementing response and recovery operations for over 50 presidentially declared disasters in 18 states and 2 territories and prepared, or supervised the preparation of, over 40 post disaster hazard mitigation plans covering floods, hurricanes, tornadoes, landslides, wildland Fires, earthquakes and winter storms.

EDUCATION:

- University of Washington, Urban Planning (MUP) -- 1967 - 69
- San Jose State College, Elementary Education (Certification) -- 1965
- University of Iowa, General Science (BA) -- 1961 - 65

WRITTEN COURSES, PLANS, REPORTS AND ARTICLES:

- *Post Disaster Safety Manual* to better define the capabilities, activation, deployment, coordination, training, and credentialing of post-disaster safety evaluation volunteers in the State of Washington.(2014)
- *Whole Community Resilience: An Asset-Based Approach to Enhancing Adaptive Capacity before a Disruption*, Submission to "Building Back Better," JAPA Special Issue on Disaster Planning (Accepted for publication 2014)
- *A Comparative Approach To Understanding Community Resilience As Balancing And Inter-Dependent Services Among Differing Types Of Capital* (Study sponsored by FEMA to be completed by 5/30/2014) http://depts.washington.edu/mitigate/wp-content/uploads/2014/10/140707_Whole-Community-Resilience_Reduced.pdf

- *We know what to do. Why don't we do it? The time has come to mitigate and adapt*, An invited comment by Bob Freitag, (Natural Hazards Observer • September 2013):
http://www.colorado.edu/hazards/o/archives/2012/sep12_observerweb.pdf
- *Building better flood risk maps: Lessons learned from the electric car* (Natural Hazards Observer, Sept 2012):
http://www.colorado.edu/hazards/o/archives/2011/sep11_observerweb.pdf
- Safe Haven Vertical Evacuation Washington Coast Plans (2009-2012) Washington Emergency Management (<http://www.facebook.com/ProjectSafeHaven>)
- *Dams, dikes and dredging: Can we 'fix' our rivers?* by Bob Freitag and David R. Montgomery, Guest Column “Seattle Times” April 9, 2010,
http://seattletimes.nwsourc.com/html/opinion/2011570522_guest11freitag.html
- *Floodplain Management: A New Approach for a New Era.*, Robert Freitag, Susan Bolton, Frank Westerlund, and J. L. S. Clark (Island Press 2009)
http://islandpress.org/bookstore/details72a5.html?prod_id=1916
- The NFIP and Climate Change: Is Flood Risk Misrepresented by Static Maps.(Association of State Floodplain Managers Newsletter, “News and Views “ October 2007,
http://www.floods.org/Newsletters/News_Views/NV_October07.pdf
- How can emergency managers address our warming climate? (Journal of Emergency Management, 2007), <http://www.nemaweb.org/?2027>
- FEMA Higher Education Course – Floodplain Management, PI
<http://www.training.fema.gov/EMIWeb/edu/fmg1.asp>
- Undergraduate course on emergency management delivered during the Spring Quarter of 2006
- Cascadia Subduction Zone Earthquakes: A magnitude 9.0 earthquake scenario, PI (Published by Cascadia Region Earthquake Workgroup, 2005)
<http://www.crew.org/papers/CREWCascadiaFinal.pdf>
- Just-in-Time Inventory: Effects on Earthquake Recovery, Principle author (Published by Cascadia Region Earthquake Workgroup , 2005)
<http://www.crew.org/papers/JITfinal032405.pdf>
- Redmond Hazard Mitigation Plan update, 2006-2007
- Principal Investigator on various hazard mitigation documents and plans including:
 - Hazards Mitigation Plan for Snohomish County (2004 - 2005 adopted) Update in progress (2015 expected adoption)
 - Hazards Mitigation Plan for City of Everett (2004 - 2005 adopted) Update (2011 adopted)
 - Hazards Mitigation Plan for Redmond (2003 - 2004 adopted) Plan Update (2009 adopted) <http://www.redmond.gov/insidecityhall/planning/mitigation/mitigation.asp>
 - Hazards Mitigation Plan for Shoreline (2003 - 2004 adopted) Plan Update (2008 adopted) <http://www.cityofshoreline.com/index.aspx?page=52>
 - Hazards Mitigation Plan for Sulton WA (2003 - 2004 adopted)
 - Hazard Identification and Vulnerability Assessment for Snohomish County (2003-2004)
 - Hazard Identification and Vulnerability Assessment for Sultan (2003-2004)
 - Mitigation Plan for Clark County (2002 -2003)
 - Hazards Mitigation Plan for Everett (2004)
- Integrated Floodplain Management Course under contract with the Federal Emergency Management Agency (Contracted January 2004, completion expected Spring of 2005)