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Résumé: Weather and Society * Integrated Studies (WAS*IS), July 2007

I. PARTICIPATION OBJECTIVES

- More capable of leading the integration of social science into the global 'hazards' enterprise.
- Learn viable socio-economic methods and infuse them into our current paradigm.
- Better facilitate among the various entities that contribute to the hazards enterprise.
- More effectively implement community resilience to hazards.

II. PROFESSIONAL EXPERIENCE

Since April 2006: NOAA National Weather Service Headquarters, Silver Springs, Maryland

Serve in the NWSH Office of Climate, Water and Weather Services as the National Warning Coordination Meteorologist (WCM), and StormReady and TsunamiReady Program Manager. Make no mistake, despite the "impressive" title, this is a middle management position. I am peers with our field and regional WCMs. My projects, day-to-day work, and level of networking are what make me unique in our ranks. Do my best to provide support all 130 of our Regional and Field WCMs. Coordinate our services, national programs, new initiatives, and warning issues, within NOAA and with our partners. Have represented our hazards enterprise by presenting several times on the Hill. Good focal point for national customer and NWS field feedback. Active in the ongoing collaborations across NOAA, including being the NWS lead on Margaret Davidson's (Director, NOAA Coastal Services Center) "Coastal Community Hazards Resilience" team. Heavily involved in NOAA's tsunami program and National Tsunami Hazard Mitigation Program. Tsunamis have unique challenges when working grass roots community resilience efforts because they are so rare. Identified as an expert to support USAID efforts for building warning systems/warning coordination in Indian Ocean Countries, and will eventually travel over there to support workshops in those countries (previous trips to Maldives and Indonesia were canceled). I am very supportive of an initiative we started here at NWSH that would modernize our services. Some of the projects identified here, and the need to evolve our services, will help us serve our customers and partners much more effectively. Some initial goals were to provide our text products in Common Alerting Protocol (CAP) formats, establish GIS product delivery, develop a formal mechanism for customer and partner requirements, and expand our services to emergency incidents where weather and hydrological support are critical.

Feb 2002-April 2006: NOAA National Weather Service Forecast Office, Juneau, Alaska

Served our customers and partners in Southeast Alaska for four years as the WCM and Incident Meteorologist (IMET). IMETs work as part of the Incident Management Teams that respond to disasters. Expanded my background to coastal hazards, such as tsunamis and powerful Aleutian storms. Due to my Alaska customers' concerns, became more informed on hazards such as global warming, climate change, ENSO, avalanches, mudslides, waterspouts, volcanoes, flooding, earthquakes, heavy snow, and mountain wave/gap high wind events. Traveled to many remote Alaskan communities to help educate on those hazards. Managed our weather spotter program and was our primary contact for news media support. Trained on oil spill response and served as the initial IMET with the interagency response team working the Selendang Ayu oil spill on Unalaska Island, AK in December 2004. Served as the IMET on wildfires in Alaska, Colorado and Wyoming. Volunteered to support the Katrina recovery efforts as an IMET, but duties as Acting Meteorologist-In-Charge prevented me from leaving Southeast Alaska during that time. Lastly I served for three years on the NWS WCM Initiatives Team.

We developed a business case that would help ensure that our organization adequately assesses whether our warnings are reaching noted underserved/underrepresented communities. It also was to help ensure that the NOAA NWS strives to recruit and maintain a diverse workforce in the 21st century. My major contribution to the team was helping develop a WCM survey and conducting an analysis that converted subjective responses into objective findings. Ed Young, NWS Pacific Region Headquarters, was our team leader.

Jan 1994-Feb 2002: NOAA National Weather Service Forecast Office, Salt Lake City, Utah

Served as meteorologist intern, general forecaster, Incident Meteorologist, and Fire Weather Program Leader. Hazards training included wildfires, flash floods, drought, ENSO impacts, severe thunderstorms, lightning, and tornadoes. Primary accomplishment was supporting our Wildland Fire Management partners and their unique meteorological needs. Served as IMET on 35 wildfire incidents in 13 states. Helped establish Fire Weather Programs in Texas and western Colorado. Experienced the 1999 Salt Lake City F1 tornado event first hand.

Jun 1992-Jan 1994: NOAA National Weather Service Office, Kalispell, Montana

Started my career as a meteorologist intern in our since closed office in Kalispell. Small airport office but we conducted nearly 200 in-person pilot weather briefings every month. We worked very closely with Glacier National Park Officials on weather support to their operations and visitors. Hazards training included blizzards, winter storms, dense valley fog, and river flooding.

III. PROFESSIONAL TRAVEL SNAPSHOT

- Hazards Workshop, Boulder – July 2006, July 2007
- National Emergency Management Association Annual Conferences – 2006, Oklahoma City 2007
- International Association of Emergency Managers Conferences – 2006, Reno 2007
- National Conference on Community Preparedness - "Partnerships and Collaboration Through Citizen Corps" - Alexandria, VA, June 2007
- National Tsunami Hazard Mitigation Program Conferences – 2003 through 2007
- NOAA's Designing Education Projects Training – Norfolk, VA April 2007
- Hosting and running a national "TsunamiReady Summit" – San Diego, CA, August 2007
- NOAA NWS-NOS Strategy Meeting – Coastal Services Center, Charleston, SC March 2007
- NWS Regional WCM Workshops – Eastern June/2006, Central/Feb 2007, Western/June 2007
- Proposing and would manage a National WCM Workshop – hopefully winter 2008

IV. EDUCATION

- 1994–1995 University of Utah Salt Lake City, UT
 - successfully completed 20 credits of course work toward a M.S., Meteorology.
- 1991–1992 Rutgers University New Brunswick, NJ
 - successfully completed 16 credits of course work toward a M.S., Animal Science
 - worked as a research (ruminant nutrition) and teaching (general biology) assistant.
- 1987–1991 Rutgers University New Brunswick, NJ
 - earned a B.S., Meteorology with 129 credits of course work.
 - worked as both a research and teaching assistant my junior and senior years.
 - awarded several academic scholarships including the University Honors Program