

Nazila Merati
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EDUCATION

B.Sci., Botany, 1987, University of Washington
M.Sci., Fisheries Oceanography, 1993, University of Washington
M.L.A., Landscape Architecture, 1999, University of Washington
Certificate in Preservation Planning, College of Architecture and Urban Planning, 2006, University of Washington
American Meteorological Society Summer Policy Colloquium, June 2010, Washington DC

PROFESSIONAL EXPERIENCE

Research Scientist 4, U of W Joint Institute for the Study of the of Atmosphere and Ocean/ Oceanic and Atmospheric Research /NOAA/Pacific Marine Environmental Laboratory, April 2001-current

Computer Programmer, Macrostaff for the Pacific Marine Environmental Laboratory, Ocean Climate Research Division/NOAA/Pacific Marine Environmental Laboratory, June 1998 - February 2001

Fisheries Research Biologist, NOAA/NMFS/FOCI Program, July 1987- February 1995

HONORS AND AWARDS

NOAA Bronze Medal 2002
HPCC NOAA Tech 2004 – Best GIS Presentation

SELECTED REFEREED PUBLICATIONS

N. Merati. (chapter in prep). Atmosphere 2.0 – The use of Web 2.0 technologies to aid in climate and weather research. ESRI Press: Redlands, California.

Uslu, B., R. Weiss, and N. Merati. forthcoming. A Tsunami Forecast Model for Port San Luis, California. NOAA OAR Special Report, PMEL Tsunami Forecast Series: Vol. xx. , xx pp.

Merati, N., C. Chamberlin, T.C. Vance, C. Moore and V.V. Titov. 2009. “Integration of Tsunami Analysis Tools into a GIS Workspace – Research, Modeling, and Hazard Mitigation Efforts Within NOAA’s Center for Tsunami Research” in *Geospatial Techniques in Urban Hazard and Disaster Analysis* (eds. Showalter and Lu). Springer, pp. 273 - 294.

Vance, T.C., N. Merati, S. Mesick, C.W. Moore, and D. Wright. 2007. *GeoModeler: Tightly linking spatially-explicit models and data with a GIS for analysis and geovisualization*. In 15th ACM International Symposium on Advances in Geographic Information Systems (ACM GIS 2007), Seattle, WA, 7–9 November 2007.

PROFESSIONAL SOCIETY MEMBERSHIPS

Association of American Geographers
American Meteorological Society
Vernacular Architecture Forum

COMMITTEES

NOAA GIS Committee – OAR Representative
American Meteorological Society/Interactive Information Processing Systems (IIPS) organizing committee
Government Counselor, GIS Specialty Group – Association of American Geographers
Local Arrangements Committee- 2011 Annual Meeting Association of American Geographers, Seattle, WA
ESRI Atmospheric Data Model Group
ESRI Marine Data Model Team