

Title Exec Director, OR Partnership for Disaster Resilience; Program Director, UO Emergency Mgmt
First Name Andre 10/19/2007
Middle Name Permission date
Last Name LeDuc **Photo**
Institution UO
Department Community Service Center

Email LeDuc@uoregon.edu

Phone 541.346.5833

Website www.OregonShowcase.org

Research Fields

- Atmospheric chemistry
- Biogeochemistry
- Carbon Footprint Analysis
- Climatology
- Community & Disaster Planning
- Data Analysis & Statistical Modeling
- Ecology & Ecosystem Management
- Economics
- Energy policy & technology
- Ethics
- Fire
- Forestry & Forest Management
- Geographic Information Systems
- Horticulture
- Human Impacts - economics
- Human Impacts - health
- Human Impacts - policy
- Hydrology
- Impacts - agriculture & horticulture
- Impacts - ecosystems, populations
- Impacts - physical
- Instrumentation
- Mitigation Policy
- Modeling Climate
- Modeling Ecosystems
- Modeling Socioeconomic Processes
- Natural Resource Policy & Planning
- Outreach & Engagement
- Paleoclimatology
- Paleoecology
- Physical Ecology
- Physiological Ecology
- Urban Ecology
- Water Policy & Planning
- Other...

Specific Research Interests

Le Duc's applied research focuses on the cross-disciplinary intersection between emergency management, natural sciences, community and regional planning, public policy, and organizational development. He works to understand organizational capabilities, limitations, and vulnerability to all types of hazards and develop integrated systems approach to emergency management. An approach that assures communities and organizational are not only prepared to respond to crises and disasters, but also identify opportunities to mitigate risk, prevent loss, and establish recovery and continuity strategies for all types of events big or small. Integrated emergency management approach provides a comprehensive, cost-effective method for communities and organizations to bring together resources – both human and financial – to enhance disaster safety, resilience, and overall sustainability.

Projects

- 2007 University of Oregon Integrated Emergency Management Program.
- 2007 Partners for Disaster Resistance & Resilience: Oregon Showcase State Program.
- 2006 Post-Disaster Recovery Community Forum Project
- 2006 Oregon Coast & Northeast Oregon Region Natural Hazards Mitigation Planning Project.
- 2006 State of California State Enhanced Mitigation Planning Project.
- 2006 Wahkiakum County, Washington: Hazard Mitigation Planning Workshops.
- 2006 City of Gresham Natural Hazard Mitigation Plan.
- 2005 Multnomah County Natural Hazard Mitigation Plan.
- 2005 Mid-Columbia Gorge / Southeast Regions Natural Hazards Mitigation Planning Initiative.
- 2004 Mid/Southern Willamette Valley Region Natural Hazards Mitigation Planning Project.
- 2004 University of Oregon Disaster-Resistant University Project.
- 2004 Oregon Pre-Disaster Mitigation Program's Community Training Workshops.
- 2004 Federal Emergency Management Agency Natural Hazard Mitigation "How to Guides" .
- 2004 State of Oregon Natural Hazard Mitigation Plan.
- 2004 Wildland/Urban Interface Working Team Strategic Plan.
- 2004 City of Portland Natural Hazard Mitigation Plan.
- 2004 Market Research Project for Public Entity Risk Institute (PERI).
- 2004 Planning for Earthquakes and Other Geologic Events
- 2003 City of Beaverton, Oregon, Natural Hazards Mitigation Action Plan.
- 2002 State of Oregon Natural Hazard Mitigation Plan, Risk Assessment Project.
- 2002 Clackamas County, Oregon, Natural Hazard Mitigation Action Plan.
- 2002 City of Tillamook Flood Mitigation Plan, Oregon.
- 2001 Evaluation Criteria and Community Guidelines for Natural Hazards Mitigation Plans.
- 2001 City of Phoenix, Oregon, Floodplain Mitigation Action Plan.
- 2001 Jackson County, Oregon, Natural Hazard Mitigation Plan.
- 2001 Development of the Earthquake and Tsunami chapters of the Oregon State Mitigation Plan.
- 2001 Washington County, Oregon, Natural Hazard Mitigation Action Plan.
- 2000 City of Eagle Point, Oregon, Flood Mitigation Action Plan.
- 2000 Siletz Basin, Oregon, Flood Mitigation Action Plan.
- 2000 Planning for Natural Hazards: Oregon Technical Resource Guide.
- 2000 Feasibility Study for Ecosystem Industry Clearinghouse.
- 1998 Evaluation of Statewide Land Use Planning Goal 7. (Natural Hazards)
- 1997 Business Contingency Plan for Oregon State Controllers Division.

Selected Recent Publications

Establishing Mitigation as the Cornerstone for Community Resilience, Risk Management Yearbook, Public Entity Risk Institute, Volume 2, 2006 pp.5-24

Building Local Capacity for Risk Reduction, Paper presented at International Symposium on Urban Disaster Risk Reduction and Regeneration Planning: integrating practice, policy and theory, Hosted by City and Regional Planning Department Cal Poly, San Luis Obispo, California, November 2005

Oregon Pre-Disaster Mitigation Program, Community Training Manual, Oregon Natural Hazards Workgroup, Community Service Center, University of Oregon, Eugene, Oregon 2003.

Hazard Mitigation in Oregon: A Case Study Beyond September 11th: An Account of Post Disaster Research, Natural Hazards Research and Applications Information Center, University of Colorado, Boulder, Colorado 2003.

Disaster Resistant By Design, Disaster Safety Review, Vol. Two Number One pp.13-16

Planning for Natural Hazards: Oregon Technical Resource Guide: Department of Land Conservation and Development and Community Service Center, University of Oregon, Eugene, Oregon 2000.

Professional Activities

- Region 10 Representative, Universities and Colleges Committee: International Association of Emergency Managers (IAEM) June 2007 – Current
- Current Vice President & Board Member ,Cascadia Region Earthquake Workgroup (CREW) 2007 July– 2003
- Chair, Natural Hazard Framework Implementation Team, Oregon Geospatial Enterprise Office,2004 - current
- Member, State’s Interagency Hazard Mitigation Team, January 1999 – current
- Member, University of Oregon’s GIS committee, September 1998 – current
- Member, Oregon Land Use Planning Goal 7 Policy Review committee, 1999 – current
- Board Member, Institute for Policy Research and Innovation, July 2004 – August 2006