QUINN BUTLER

1004 6th Ave SW, Olympia WA 98502 | (505) 629-9628 | quinn.butler@evergreen.edu

Skills & Abilities

- Ability to train and manage volunteers and staff
- Ability to develop and facilitate meetings and workshops with diverse audiences
- Interpersonal, verbal, and written communication skills
- Extensive knowledge of emergency management principles and practices
- Skilled disaster preparedness educator and public speaker
- Experienced project and program manager

Professional Experience

Emergency Management Program Specialist 3 – Disaster Recovery Program Manager, Washington Military Department, Emergency Management Division October 2017-Present

- Acts as the disaster recovery coordinator and a recovery subject matter expert for the Mitigation and Recovery Section
- Writes, leads, and coordinates the development of the Washington Restoration Framework
- Monitors and evaluates project timelines and conducts activities in direct support of the recovery mission area
- Develops, instructs, and provides guidance and outreach to local jurisdictions and tribes on recovery planning and training
- Collaborates, reviews, and coordinates project activities and deliverables with internal staff and works with local, state, federal, tribal, private and non-profit stakeholders
- Creates partnerships and engages with other government entities, local, state, federal, and tribal officials in a professional manner at all emergency management functions
- Leads recovery efforts in the State Emergency Operations Center through the Emergency Support Function 14 – Long Term Community Recovery position, and participates in monthly and annual trainings and exercises

AmeriCorps Disaster Preparedness Coordinator, American Red Cross October 2016-August 2017

- Served within the American Red Cross Disaster Cycle Services Department
- Acted as a multi-county Community Preparedness Educator to support, train, and direct volunteer efforts toward engaging with regional communities
- Provided disaster preparedness education programming for youth, underserved populations, faithand community-based organizations, and neighborhood groups
- Engaged in community outreach and created partnerships with local fire departments, school districts, and emergency managers to improve overall community preparedness
- Trained more than 2500 individuals in disaster preparedness through community and organizational resilience workshops

Natural Resource Scientist, *Department of Oregon Geology and Mineral Industries* March 2016-September 2016

- Assisted with the Enhanced Earthquake Impact Assessment Project for the Portland Urban Area
- Built and prepared databases for input into FEMA HAZUS-EQ software to determine loss estimations
- Implemented HAZUS-EQ scenarios and evaluated and summarized results
- Researched, evaluated and proposed alternatives to loss estimation models including using ArcGIS to perform spatial data analysis
- Documented project workflow and collaborated with project team members

Natural Resource Scientist 2, *Washington State Department of Natural Resources* October 2015-January 2016

- WA School Seismic Safety Project field assistant and coordinator
- Responsible for efficient setup and collection of seismic data using consistent scientific techniques
- Conducted active and passive seismic surveys at numerous site locations
- Planned survey times and locations and coordinated with local, state, and federal officials
- Used ArcGIS to determine optimal survey locations and to record the site data collection points
- Collaborated with coworkers to effectively and efficiently meet project deadlines and present quality results

Seismic Hazards Assistant, *Washington State Department of Natural Resources* June 2015-October 2015

- Used ArcGIS and Excel to work on a multi-hazard risk analysis for Whatcom and San Juan Counties
- Facilitated public meetings regarding local geologic hazards and emergency preparedness
- Installed and deployed sensitive seismic recording instruments and downloaded recorded earthquake data in the field across Western Washington
- Conducted Ground Penetrating Radar surveys in multiple locations to interpret subsurface deposits

Speleologist – GeoCorps, Coronado National Memorial, National Park Service (NPS) Summer 2014

- Created a cave management plan with the NPS Resource Management Team to help protect the public and the environment
- Established environmentally safe and effective restoration techniques and best practices to improve Park attractions and protect sensitive ecosystems
- Installed and maintained anthropological and meteorological data monitoring devices to better understand cave ecosystems
- Wrote and reviewed standard operating procedures and proposals to improve safety and preservation of the Memorial
- Aided in facilitating agave plant restoration projects with the local public

• Assisted in bat count and bat netting biological surveys

Disaster Reduction and Emergency Planning Studio, *Skagit County Department of Emergency Management* Spring 2014

- Interacted with clients, wrote reports, and communicated technical information to diverse audiences
- Evaluated existing disaster preparedness outreach materials and developed new and effective outreach methods
- Assessed emergency communications systems and training/education materials, and coordinated with public information/affairs in the county
- Project deliverables included an updated county emergency website appealing to a diverse population, creation of effective emergency preparedness outreach materials, and the development of optimization techniques for engaging the public in emergency preparedness actions

Education

Western Washington University – Bellingham, WA Major: B.S. Environmental & Engineering Geology Minor: Disaster Risk Reduction GPA: 3.26 Spring 2015

Completed Coursework Relevant to Position: Introduction to Planning, Natural Hazards Planning, Disaster Risk Reduction, Emergency Management Practice, Introduction to Technical and Professional Writing, Environmental Geology, Geologic Hazards, GIS in Geology, Engineering Geology

Other Coursework: Geomorphology, Field Methods and Theory, Geologic Mapping, Hydrogeology, Petrology, Structural Geology, Stratigraphy and Sedimentation, Planetary Geology, Glacial Geology, General Chemistry Series, Calculus, Statistics, Physics with Calculus

National Outdoor Leadership School (NOLS) – Semester in the Amazon Fall 2012

An 80 day demanding tropical expedition that included backpacking through thick rainforest, navigating hundreds of kilometers down the Aripuanã River via canoe, and living alone with a local rural family. Curriculum included geography, field survey techniques, navigation, environmental studies, Portuguese language, risk management and assessment, wilderness medicine, and leadership skills.

Publications & Project Deliverables

FEMA-4539-DR. Washington Severe Storms, Flooding, Landslides, and Mudslides. Major Disaster Declaration declared on April 23, 2020.

FEMA-4481-DR. Washington Covid-19 Pandemic. Major Disaster Declaration declared on March 22, 2020

FEMA-4420-DR. Nebraska Severe Winter Storm, Straight-Line Winds, And Flooding. (Emergency

Management Assistance Compact Deployment as Individual Assistance Coordinator)

FEMA-4418-DR. Washington Severe Winter Storms, Straight-line Winds, Flooding, Landslides, Mudslides, Tornado. Major Disaster Declaration declared March 4, 2019.

FEMA-4395-DR. Hawaii Hurricane Lane. Major Disaster Declaration declared September 27, 2018. (Emergency Management Assistance Compact Deployment as Planning Section Specialist)

R. Cakir, T. Walsh, and Q. Butler. Rapid Seismic Site Characterization for School Seismic Safety Evaluations in Thurston County, Washington, USA.

X. Meng, R. Cakir, J. Jenkins, Q. Butler, J. Keck, and T. Walsh. Improving the Combination of Ground Penetrating Radar and Seismic Refraction for Identifying Rock Source for Road Construction at a Timber Sale Area in Washington, USA.

R. Cakir, X. Meng, Q. Butler, J. Jenkins, J. Keck, and T. Walsh (2015). Locating Desired Source Rocks by Using Shallow Ground Penetrating Radar and Seismic Survey Methods in western Washington, Pacific Northwest of the U.S. AGU Fall Meeting, December 14-18, 2015.

R. Cakir, C. Garrison-Laney, X. Meng, Q. Butler, and T. Walsh (2015). Using Ground Penetration Radar for Imaging and Mapping of Thin, Shallow Tsunami Deposits in Washington, Pacific Northwest United States. AGU Fall Meeting, December 14-18, 2015.

Q. Butler, J. Garcia, R. Janway, and R. King Lopez (2014). Cave Management: Assessment and Implementation at Coronado National Memorial, Arizona. 2014 GSA Annual Meeting in Vancouver, British Columbia. October 19-22, 2014.

[https://gsa.confex.com/gsa/2014AM/webprogram/Paper247099.html]