

MONTHLY REPORT



Cascadia Subduction Zone

FEMA Regions IX & X initiated a joint planning effort in 2011 to address the potential catastrophic effects of a major earthquake and tsunami on the Cascadia Subduction Zone (CSZ) Fault, which is located off the Pacific Northwest coast. The 800-mile long fault runs from Vancouver Island Canada. Historical records indicate that a major earthquake of 8.0 and higher occurs on average every 500 years. The last major earthquake, with an estimated magnitude of 9.1, along this fault line occurred in 1700.



Subduction Zone earthquakes are the largest in the world. Both the geology and coastal geometry of the fault are identical to the Sumatra fault that ruptured in 2004, resulting in the deaths of 240,000 persons. A CSZ earthquake and resulting tsunami would be a catastrophic disaster affecting Washington, Oregon, Alaska, Northern California, and British Columbia with cascading and economic impacts throughout the country and world.

Through ESF 11 USDA and the Department of the Interior have described how they will provide assistance in 1) emergency feeding assistance, 2) detection and elimination of animal and plant disease/pests, 3) assure the safety of the meat, poultry and processed egg supply, 4) protect natural and

cultural resources and historical properties, and 5) provide technical assistance and support for animal emergency response.

For more information contact Todd Smith and John Grendon

Todd.l.smith@aphis.usda.gov

John.h.grendon@aphis.usda.gov

FLOODS

In April, floods became a primary concern after heavy rains fell on already saturated winter ground. States in FEMA Regions V and VIII were affected by floods. Illinois and North Dakota requested a Presidential Disaster Declaration. The FEMA Region V and VIII Regional Response Coordination Centers (RRCC) are activated to level III and had frequent flood coordination conference calls with its Emergency Support Functions (ESFs). In preparation for a potential activation the Desk Officers plus Raleigh, Fort Collins, and Riverdale were kept apprised with situational briefs as the situation developed. Emergency flood planning occurred concurrently with other ongoing planning efforts, including the multi-year Improvised Nuclear Detonation (IND), the five year Regional Catastrophic Planning Grant Program (RCPGP). ESF11 continues to work with USDA, FEMA, states, locals, and other Federal Agencies on these efforts.

For more information contact Phil Gruzalski and Scott Roscoe

Philip.a.gruzalski@aphis.usda.gov

Scott.f.roscoe@aphis.usda.gov

In May, FEMA conducts a large scale Hurricane exercise combining a catastrophic hurricane with Federal exercises Ardent Sentry/Vigilant Guard. This annual exercise involves extensive Federal and military efforts at multiple locations.