MINUTES
Hazards FIT

DAS
DEPARTMENT OF ADMINISTRATIVE SERVICES

Meeting Date: Tuesday, September 30th

Time: 9:00am - Noon

Location: Revenue Building, Room 467

After welcome and introductions Ian Madin led a group discussion focused on the status of and proposed actions for hazards elements. We began with the list in Part 3 of the State's Natural Hazard Mitigation Plan (http://www.oregonshowcase.org/index.cfm?mode=stateplan&page=part3) and added several additional elements based on one or more participants expressed need for that particular data.

The discussion included current status or existence of the data, any applicable standard and who a logical Lead might be and is summarized in the table below. Named leads are encouraged to identify subcommittee members soon. Subcommittees need to focus on scope (defining needed hazard layers), methodology for developing each layer, standards development and a plan for completion of the layer including identifying likely funding sources and staffing.

Element Name	Data Status	Standard Status	Workgroup or Agency Lead	Notes
Earthquake ground shaking	National EQ hazards maps available online through USGS	Needs to be developed	USGS	USGS has developed and maintains both data, standard will point to USGS
Young Faults	Complete	Needs to be developed	USGS	USGS has developed and maintains both data and standard will point to USGS
Historic Earthquake Database Vs30 map Absolute hazard map Liquefaction hazard map	Spatial data (points) DOGAMI will steward, update annually or semi annually Preliminary version made for SB2, based on Oregon Geologic data compilation (OGDC) with values assigned from measurements, literature, expert opinion Has not been made but should be simple	Needs to be developed	DOGAMI	Seismicity catalog updated regularly with data from PNSN Vs30 categories define EQ soil types USGS shaking maps adjusted with Vs30 data

	Simple to make by expert categorization of OGDC units			
Published Landslide inventory Lidar Landslide Inventory Shallow Landslide Susceptibility Deep Landslide Susceptibility Debris flow hazard susceptibility	Complete Methodology developed Methodology in development “ “	Needs to be developed “ “ “ “	Bill Burns (DOGAMI)	This is the SLIDO project Lidar based landslide maps will be based on standardized methodology under development, execution currently planned only as local jurisdictions provide funding.
Flood Hazard	In progress	Existing needs revision	Christine Shirley (DLCD)	FEMA serves the data so State Std no longer appropriate. Perhaps point to FEMA Std?
Historic Flood Inundation Zones Dam failure inundation zones	Unknown	Unknown ACOE	Unknown	It was thought that an inundation dataset might exist for the ’96 floods
Post flood data collection protocols	Unknown	Does not exist	Not identified	Christine and Jed will explore this topic
Geologic Floodplain Protective structure inventory	Unknown Unknown	Needs to be developed	Tom Wiley (DOGAMI)	Group discussed potential to categorize data for Planners and inventory protective structures
Alluvial Fan flooding	Unknown	Does not exist	Not identified	Linked to FEMA regulations
Snow Load	Unknown	Unknown	Not identified	Referenced in Oregon Building Code. Milt will check with OCS &

				WRD to see if data exists.
Wildfire Hazard/Risk	See notes	See notes	See notes	Milt will check w/Emmor (ODF)
Tsunami (SB 379)	complete	n/a?	Rob Witter (DOGAMI)	SB 379 is a regulatory line
Tsunami "Worst Case" local source Tsunami worst case distant source Evacuation Routes and Assembly zones	In progress Some developed locally	Needs to be developed		DOGAMI developing protocols
Coastal Erosion Susceptibility	Unknown	Needs to be developed	Jonathan Allan (DOGAMI)	
Coastal Erosion Monitoring	Unknown	Needs to be developed	Jonathan Allan (DOGAMI)	
Shore Protective Structures	See notes	Does not exist	Not identified	Randy Dana is aware that OPRD has data from a preexisting survey
Historic Shorelines	Some data exists from 1990's DOGAMI studies for FEMA	Needs to be developed	Jonathan Allan (DOGAMI)	Based on historic air photos and T zone maps.
Volcanic Hazards, Lahar/Volcanic Mudflow	Numerous local studies, need to be compiled and standardized.	Needs to be developed	Jason McClaughry (DOGAMI)	Existing, discrete datasets need to be compiled
Volcanic Hazards, Probabilistic Ash Fall	Does not exist	Does not exist	Not identified	Need was discussed but no resources identified
Volcanic Hazards, Young volcanic vents	Does not exist, could be extracted from OGDC	Does not exist	Jason McClaughry, (DOGAMI)	Need was discussed but no resources identified
Naturally Occurring Hazardous Materials (NOHM)	In progress	Needs to be developed	Clark Niewendorp (DOGAMI)	ODOT Research contracted W/DOGAMI to develop this data statewide.

Other elements discussed included:

- Ground water contamination
- Weather/climate related hazards including:
    - Drought
    - Dust storms
    - El Nino
    - Windstorms
    - Winter storms

Bill Clingman suggested the possibility of combining some of these subcommittees to reduce administrative burden.

The group discussed Hazards mapping applications on the web. Both DOGAMI and DAS/OSU/DLCD have planned activities. Discussions centered on assuring that the activities were, at a minimum, coordinated and complimentary to each other to assure a seamless end user experience. Jed Roberts (DOGAMI) and Kuuipo Walsh (OSU) agreed to coordinate these two efforts.

Kuuipo walked the group through the DAS/OSU/DLCD hazards Portal proposal and sought feedback from the group.

Bill Clingman presented an overview of the Structures and Places project including the formation of subcommittee in the Preparedness FIT.

Milt ended the meeting asking the group to consider the possibility of combining the Hazards and Preparedness FITs into a single group.

Action items:

- Milt will place identified elements in matrix format similar to that used in other FITs
- Ian will coordinate initial meetings of the subgroups chaired by DOGAMI staff
- Milt and Christine will look for the existence of a “Readers Digest” version of the FEMA Floodplain Standard
- Jed and Kuuipo will establish communication to assure that the two web mapping projects are coordinated and complimentary

Next Meeting:

11/20/08
2:00 PM – 4:00 PM
Oregon Department of Geology and Mineral Industries
800 NE Oregon St, Suite 965
Portland, OR 97232