

Standards/Goals

A, Standard GIS platform for HAZUS

ArcView

B. Standards for collection of data (building inventory, geological data, lifelines) and incorporation into HAZUS

1. Develop central repository that will collect data and be the conduit through which local data is sent to FEMA to include in the national database.
2. Develop HAZUS/GIS glossary to bridge gap between HAZUS and GIS nomenclature
3. Develop meta-data template (meta data is data about data, i.e. information about data (where it came from, how old data, etc.))
4. Incorporate existing inventories (i.e. ODOT bridge study data) into HAZUS
5. Develop a state-wide integrated model for HAZUS
6. Collect data and geological information that is consistent
7. Involve building officials and lifeline groups in HAZUS data base collection
8. Adopt building inventory form developed by Theodoropoulos and Wang
9. Improve the HAZUS database for buildings, infrastructure and geology.

C. Standards for training

1. HAZUS training curriculum should be consistent
 - a. One day training without computers to stress why HAZUS is important (targets those interested in HAZUS, but who will not actually run HAZUS)
 - b. Two day training with introduction and hands-on computer (targets those interested and who would probably work with HAZUS)
 - c. Target planners, emergency managers, GIS specialists, engineers, and scientists
2. Identify training facilities state-wide

D. Standards for Use

1. Identify how counties can use HAZUS
2. Involve counties outside of the Willamette Valley
3. Incorporate HAZUS into county/city hazard mitigation planning
4. HAZUS needs to be phased in gradually, i.e. small steps first (need plan)
5. HAZUS models should be a joint effort between GIS specialists, engineers, and geologists to insure the reasonableness of the results,

E. Standards for Clearinghouse

1. Identify users in Oregon and elsewhere

2. Identify the experts in Oregon and what HAZUS studies have they done
3. identify those trained in HAZUS and ATC-21 Rapid Visual Screening
4. Identify other groups outside the state who are using HAZUS and what have they done
5. Identify the problems with HAZUS and how they can be solved