The Current State of HAZUS-MH

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HAZUS–MH of Past

- Implementation
  - MapInfo
  - ArcView 3.x
  - ArcView 8.x

- Hazards
  - Earthquake
  - Flood & Hurricane

- Solution Architecture
  - Single tier
  - 3–Tier
HAZUS–MH of *not-so-distant* Past

- Supporting Tools
  - InCAST
  - BIT
  - FIT
  - CDMS

- Data & Data
  - 2 major revisions (from HAZUS to HAZUS–MH)
  - Several minor data enhancements (MR1 through MR4)
HAZUS–MH of Past: Platform(s)

- ArcGIS 8
- ArcGIS 9.0 SP1
- ArcGIS 9.1 SP1
- ArcGIS 9.2 SP2
- SQL Server Express 2005 (from MSDE – SQL Server 2000)
- ArcGIS 9.2 SP5
- ArcGIS 9.3 SP1
- ArcGIS 9.3.1
HAZUS–MH of Past: Versions

- HAZUS–97
- HAZUS–MH MR1
- HAZUS–MH MR2
- HAZUS–MH MR3
- HAZUS–MH MR4
- HAZUS–MH MR5 (upcoming)
Under the new contract, HAZUS–MH has shifted now to a 6-month release schedule

Target Schedule:
- MR5 – Sept 2010
- MR6 – March 2011
- MR7 – Sept 2011

Compressed schedule challenges the extent of features that can be implemented
HAZUS–MH MR5 Features

- Windows 7 compatibility
- SQL 2005 Express SP3
- Visual Studio 2010
- Auto-patching
- User-defined grid (FL)
- Aggregation by watershed
- Digital data packaging
HAZUS–MH MR6 Features

- ArcGIS 10
- Surge Model integration
- Visual Studio 2010 code update
- 508–compliance
- 4GB limit removal (EQ)
- CDMS 3.0
- Win7 patch (if any)
HAZUS-MH of the Future

- Platform stability
- Usability
- Performance
- Data interchange/exchange
- Collaboration
- Customization (SDK)
- Web Integration
- Hazards/Methodology
- Solution Architecture
Conclusion – QA

- Future of HAZUS–MH is bright
- Tremendous opportunity for improvements

“Like all software, Qmail can survive only when it keeps up with changing requirements.”
Wietse Venema