



# Breakout Session 1

## Group 1

### Data Products

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# Response/Planning Timeframes



## ✧ Before

- ✧ Forecasting Multi-year Hazards
- ✧ Scenario Creation
- ✧ Monte Carlo Simulation
- ✧ Identify areas which are likely to be damaged
- ✧ Use standard products

## ✧ During/After

- ✧ Need API for Data Exchange, Feeds, and Data Formats
- ✧ Data needs to be tailored to users
- ✧ Reducing Latency – time to first awareness
- ✧ Products help Focus Attention

# Bureau of Reclamation Use Case

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- ✧ Central Valley Dams and Conveyance
- ✧ Current System (Dams Only)
  - ✧ Standalone GIS
  - ✧ Epicenter and Magnitude
  - ✧ Computes Call List
- ✧ Migrating to IntraWeb Centric Solution
- ✧ Focus Attention
- ✧ Include Conveyances

# Bureau of Reclamation Use Case (cont)

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- ✧ Assign susceptibilities
- ✧ More complex model of event
- ✧ Produce rank ordered list of sites to contact
- ✧ Conveyance Monitoring
  - ✧ Slope/Datum Change
  - ✧ Displacement Edge Detection/Fault Rupture
- ✧ Improve products over time allows resource planning for recovery

# Information Product Design E-DECIDER

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- ✧ Provide global and routine data products
- ✧ Standardize and product for all events/simulations – increases usability
- ✧ Balance between utility and visual impact
- ✧ GIS ingestible products are key
- ✧ May need access control to layers
- ✧ Provide digested information that end users can integrate into their systems quickly