



Officer on Duty (OOD)

Bundesministeri für Bildung und Forschung

- Disaster management decision maker
 - monitor and assess the situation
 - initiate and supervise the situation awareness process
 - decide autonomously or with support from the EWMS when and how to trigger what actions (e.g. issue a warning)
 - with regard to tsunami threats within the area of responsibility

- Not included:

- in-depth evaluation and analysis of incoming sensor information (this is covered by the sensor system expert roles)

- But:

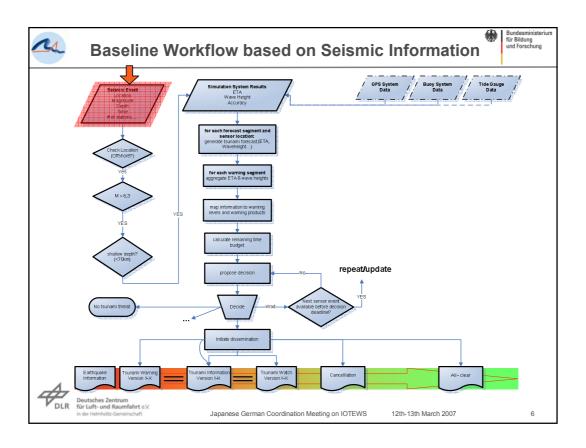
- OOD is free to visualize incoming sensor information if the OOD assumes this to be helpful to improve situation awareness
 - (e.g. sea level diagrams)

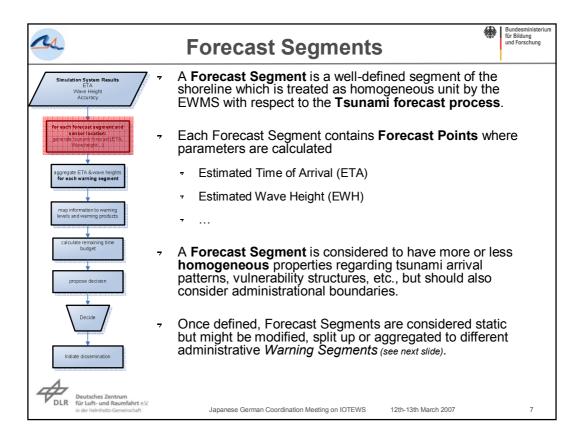


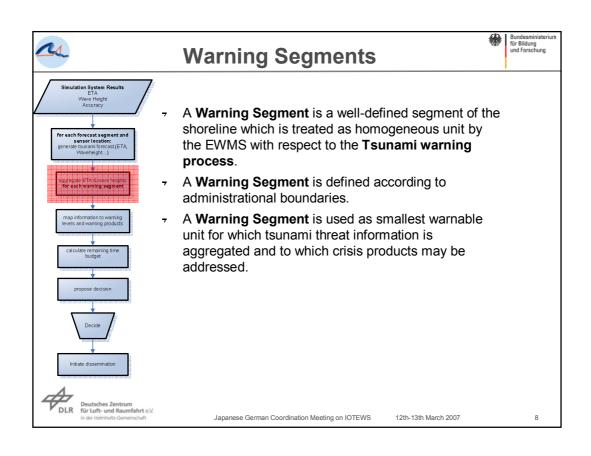
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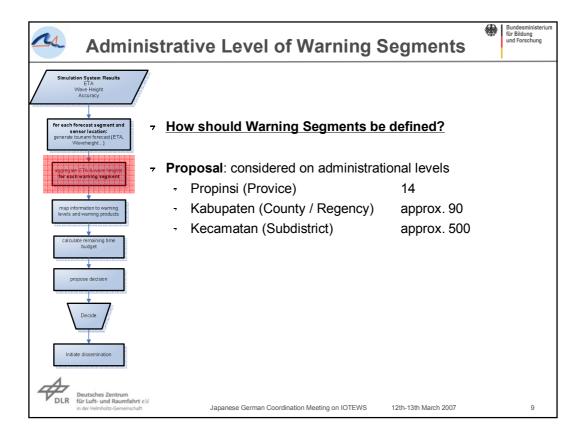
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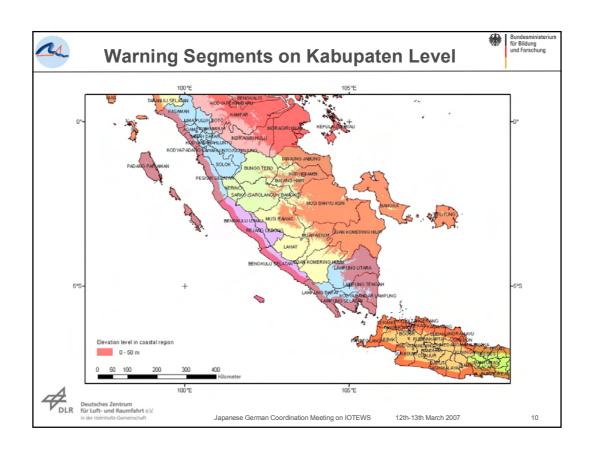
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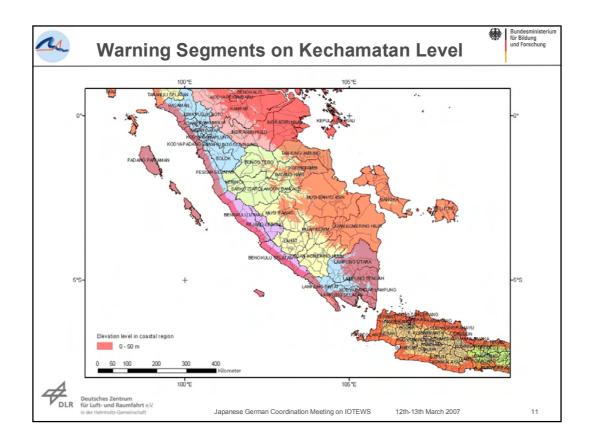


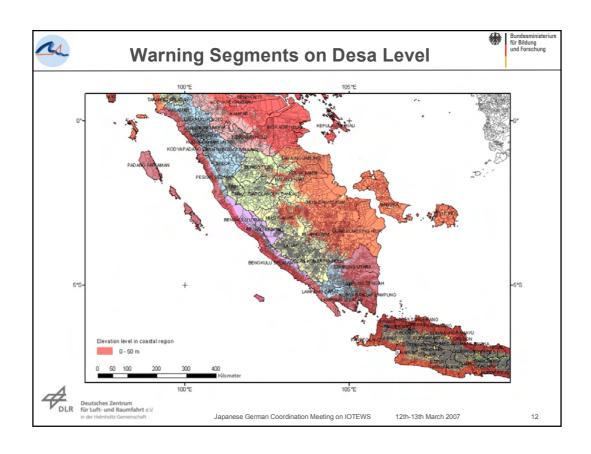


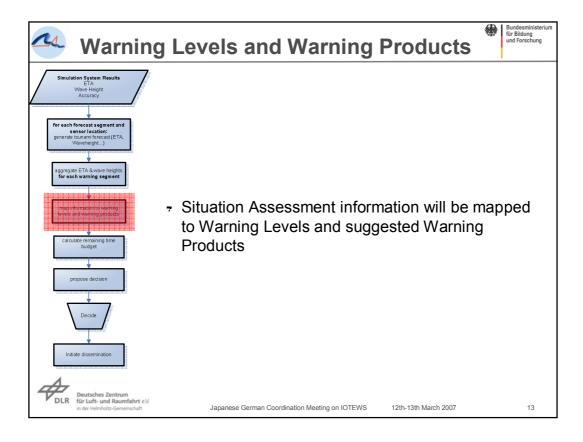


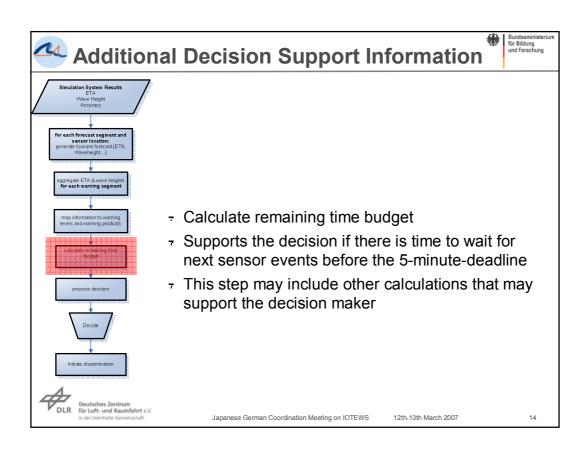


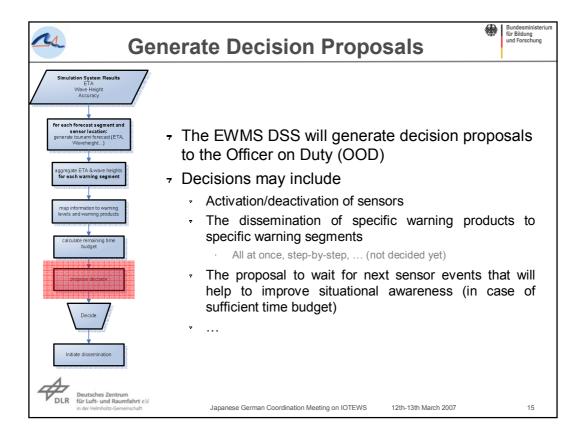


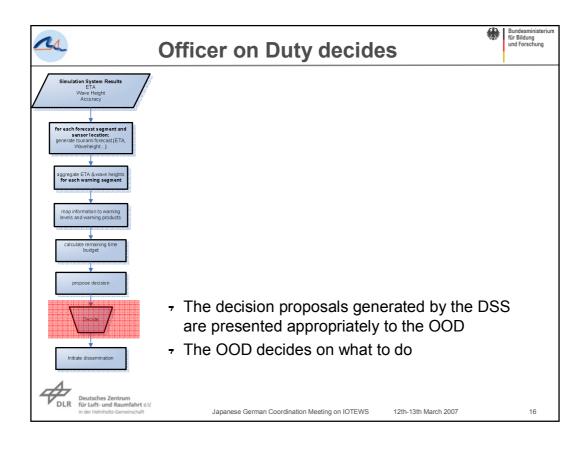


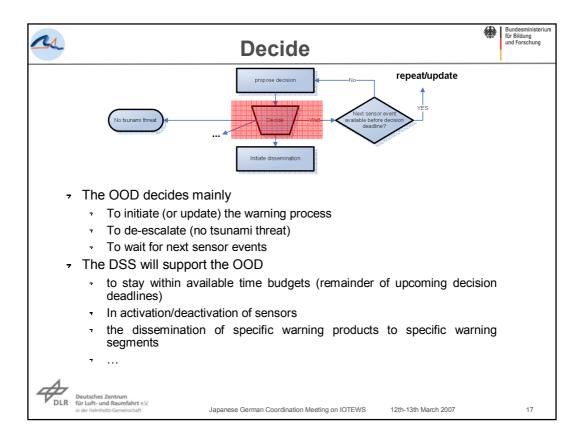


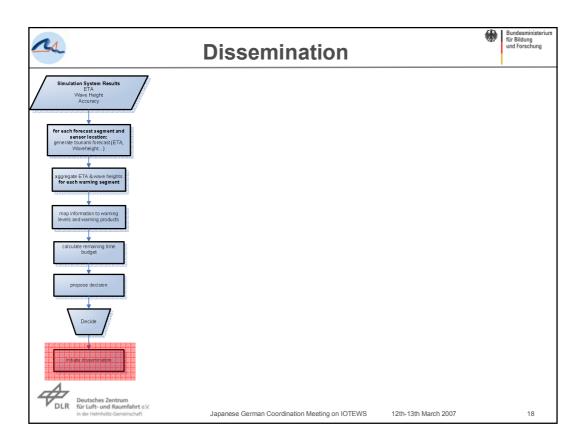


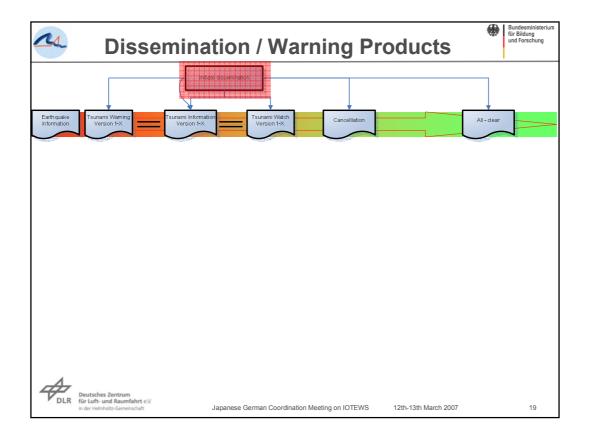


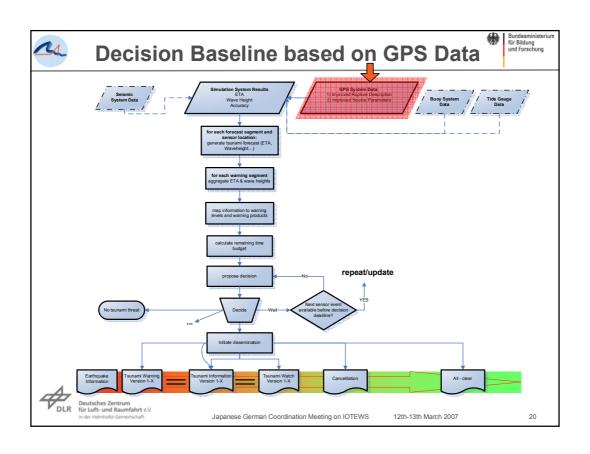


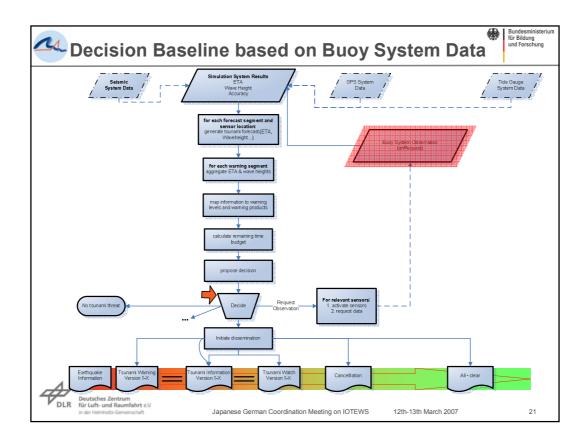


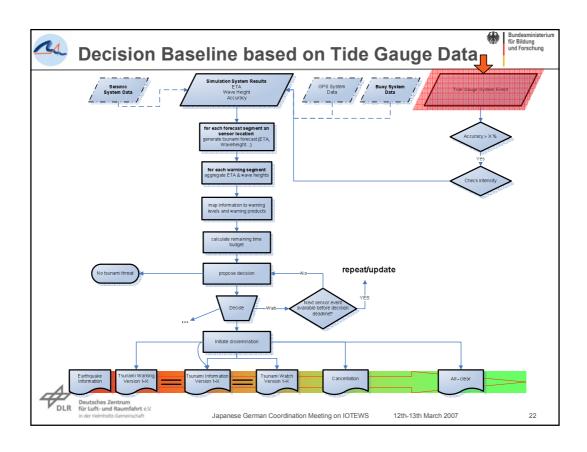


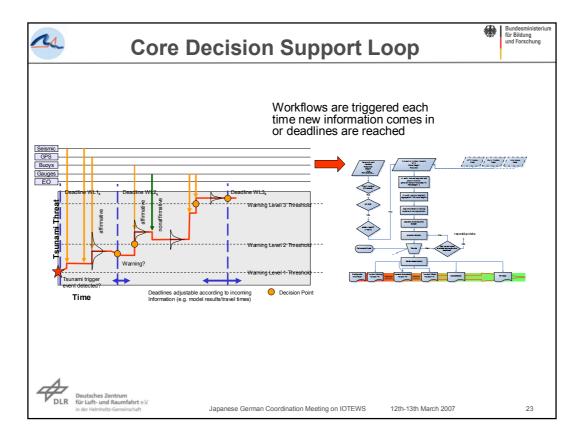














Open Standards for Spatial Data



- State-of-the-art: Open Geospatial Consortium (OGC)
- "Static" Services
 - Web Map Service request map (i.e. image)
 - Web Coverage Service request binary gridded or aggregated data
 - Web Feature Service request feature data
 - . .
- Sensor Web Enablement Framework
 - Schemas
 - SensorML models and schema for describing sensor characteristics (geolocation, response)
 - · Observation & Measurement models and schema for encoding sensor observations
 - Services
 - Sensor Observation Service access sensor information (SensorML) and sensor observations (O&M)
 - Sensor Planning Service task sensors or sensor systems
 - Web Alert Service asynchronous notification of sensor events (tasks, observation of phenomena)
 - Sensor Registries discovery of sensors and sensor data



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