SESSION 1 DISCUSSION SUMMARY

Overall, there was a high level of support for this activity. The bulk of the discussion was focused around the proposed Wave and Water Level (WWL) theme structure, and the extent to which it could be used on a regional basis to support enhanced access and use of data and products pertaining to risks due to elevated water levels. Key issues of discussion included:

- Appropriate terminology (e.g., data structure, framework, architecture) and its connotations to different audiences (e.g., users, providers, systems engineers) - Is there really two types of "binning" one for data/product users and the other for system/functions design? A corresponding issue is the appropriate level of detail;
- Suggestion to focus and build around one WWL hazard theme (e.g., High Waves and Ocean Flooding);
- Inclusion of models, as well as data and products into the "framework"; and
- Inclusion of agencies, institutions, and organizations into the "framework".

DISCUSSION QUESTIONS SESSION 1

Data Framework Development – Moving toward a regional hazards data framework.

The overall objective of the PRiMO data management hui o hana is to facilitate enhanced regional integration and sharing of risk management-related data and information.

- Do you see the proposed data framework – the overall risk management framework, as well as the wave and water level data framework – to be of value in achieving the hui’s objective?

“Fist of 5” – almost all 4’s and 5’s = high level of support.

Specific comments:

Definitely of value towards achieving the objective. I guess the issues of concern brought up could also concern the development of the framework from and end-users perspective or starting point.

Yes

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• Is the proposed wave and water level data framework appropriate in scope? Does it include necessary and/or relevant information? What changes would you recommend to improve upon it?

Specific comments:

The importance and role of dynamic numerical models needs to be better expressed and detailed.

Identify specific “data” for specific hazards: The idea of a data and product “commons”

Am fairly new to data framework development in the way it was presented. However, despite the many interpretations/methodologies for its development, the approach and scope presented seemed logical and complete to me personally. In the course of discussion though, a lot of valid points for consideration were raised.

Perhaps a hazard-specific pathway. Also, acknowledge geographic and infrastructure differences between Hawai`i and the less developed Pacific Island countries.

Acknowledging modeling; Taking a look at functionality other than just products.

It is good, but needs some improvement: Linkage between providers and users of the data; Feedback from the users to improve the quality of database.

Needs to be revised and refined - Maintain flexibility; System versus User structure, including models?; Emphasize agencies, institutions, and organizations with this structure.

• Are there other data management framework development activities that you are aware of that PRiMO’s framework development activities need to be linked to? Can you provide us a point of contact for any of those you are aware of? As far as you know, are the current PRiMO data management activities consistent with these efforts?

Specific comments:

Identify a few pilot activities for data and product delivery for specific hazards.

PI-GCOS will be involved in something similar in the future for climate data management. Concerning wave levels the Aus AID South Pacific Sea Level and Climate Monitoring Project (SPSLSMP) may be of interest to see how they may be incorporating their data into hazards monitoring/applications.

Marine Data Model – GIS-based model that was unveiled at the ESRI user conference past August should help our efforts greatly for data structure and environment in an oceanic area; Spatial Data Standards for Facilities, Infrastructure, and Environment (SDSDFEI) – a GIS-based data model for geospatial data storage. This standard is being used by all DOD agencies.

My knowledge is limited here. Yes. I feel that there activities are consistent.