

Session Title: Panel – Connections to Other Platforms

Moderator: Carrie McDougall

Note taker: Lexie Brown

Panelists: Luann Dahlman – NOAA Climate Program Office

Kirk Bergstrom – Worldlink

Matt McBride – NOAA Pacific Services Center

General Notes:

- Luann Dahlman – working beyond the Sphere
 - Climate Portal – December 2009 soft roll-out of website
 - Plan to feature SOS and SOS-related data in *Climate Watch* magazine on Climate Portal
 - Exploring web-friendly map projections
 - Encourage content developers to extend datasets beyond SOS exhibits to increase demand for SOS content and expertise
- Kirk Bergstrom – Interactive Earth
 - Interactive Earth (IE) is another source of content and can be used with kiosks
 - Demonstration showing use of: SST and ocean currents datasets, analysis tools, flat and global projections, local datasets (Hurricane Katrina)
 - Companion school curriculum (themes: oceans, climate change, biodiversity, etc.)
- Matt McBride – Community Outreach using Magic Planet and tie in with local SOS exhibits
 - Developed interactive kiosk for Magic Planet (Paper Vision – 3D platform for SOS datasets and connects to Magic Planet for display)
 - Conduct community outreach events with Magic Planet and Illuminati globe
 - Use Google Maps and Google Earth – plug-ins to display local datasets/mapping of local disasters
 - Goal is to tie these Google maps into SOS content (with 'Imiloa)
- Questions:
 - Bill Bendel: (*For Kirk*) How will Interactive Earth be made available to general public (distribution)?
 - Kirk: Beta-testing – contact Kirk to participate (after January 1, 2010)
 - Kirk: Goal is a freely available, public domain, open-source software program

- Eric Socolofsky: (*For Kirk*) How is Interactive Earth different than Google Earth?
 - Kirk: Google Earth not developed with education in mind
 - Kirk: IE designed to be appropriate for education (analysis tools) – best of GIS and Google Earth in an easy-to-use form
- Maurice Henderson: (*For Kirk*) Is it your plan to put real-time data into IE?
 - Kirk: The system could ingest real-time data because it is a very open platform
 - Can export kml files from Google Earth
- Sarah Lee: (*For Kirk*) Is the flyby feature detailed on IE?
 - Kirk: We will have an extensive set of destinations in that feature (thousands of locations)
- Joe Verrengia: (*For Luann*) What did you mean about not making datasets too complicated (archiving)?
 - Luann: Not very friendly for a high school teacher, or the general public.
- Craig Risien: (*For Luann*) Are you looking for numbers or plots for Climate Portal?
 - Luann: Either one. We will always link to original data so people can do analysis through their own tools.
 - Luann: We can work with you to make it more useful to a general audience.
- Bryan Kennedy: (*For Matt*) Can you describe your experience with Paper Vision?
 - Matt: Magic Planet manipulates similarly to SOS. We use Paper Vision as an intuitive way to control the planet.
 - Matt: Projects flat (difficult to do 3D).
- (*For Luann*) Is there a format for data on Climate Portal?
 - Luann: Not right now.
 - Scott Hanibel (?) at CDC is someone to contact about that.
- (*For Kirk*) IE flyby – is it possible to display some data in that location?
 - Kirk: That is feasible, using placemark feature to embed imagery, videos, etc.

Recommendations to NOAA (Office of Education, Earth System Research Laboratory, National Visualization Laboratory):

Actions/Next Steps:

| <i>Action/Next Step</i> | <i>Responsible Network Member/Institution</i> |
|-------------------------|---|
| | |
| | |
| | |
| | |

Research Questions for Further Exploration: