

Connections to other platforms

What other platforms are there?

- Magic Planet
- Illuminati Dome
- Google Earth
- Flash displays
- more interactive or more non-linear datasets (changed displays realtime on the sphere)
- iClickers

Talk about social change issues and show several different scenarios and use iClickers to poll the audience and use the sphere as a 3-d pie chart...

What do iClickers do?

- remote control with 5 buttons
- ask the audience a multiple choice question
- graph is generated in powerpoint with results

What format is useful to be able to share content between spheres with so many different platforms and options? What happens to shows that are produced for spheres that are surrounded by screens and kiosks?

- Do we need to just produce content for the sphere
- If it has a really great storyline, then it will be useful to everyone, even if they can't utilize it all
- This is a classic curriculum problem

A web tablet to be able to control the sphere would be great

How do we use hands-on activities around sphere? LHS is going to show us 😊

We can use these other platforms to promote our SOS exhibits

- have web versions of the sphere that users can interact with and maybe have them control the sphere.
- Matt has down a flash version of this and has movies online to show people when a sphere isn't available

Use Interactive Earth! We welcome your dataset wishlist. Can also do zooming which is a great option for kiosks

Interactivity between a Magic Planet that is small and a SOS that is big is different. Can't have just one user operating a huge sphere. It's easier to have interactivity with a small MP.

-This depends on your audience size. Bishop allows users to control SOS during certain times of the day. Letting people control the sphere isn't too much of a problem for crowds. There is a problem when someone loads a movie and it gets interrupted.

-There is a five second delay before the user can switch the dataset and for movies a dialogue box pops up and asks if you really want to switch it.

-At MSC it was terrible for the audience to have control. Being frozen out while a dataset is playing for 15 seconds really frustrated the audience and they still wanted to play with it during live programs. The new kiosks that aren't linked to the sphere are much better

At the Denver Museum they have a projector system for the Solar System and a docent controls it, but the audience interacts closely with them and gets to say what is shown. Might try to have a similar program for their SOS. Have a staff person controlling the kiosk and the visitors tell them what to do.

Maybe MSC had their experience because there was nothing around to do but play with the kiosk. At Bishop there are a lot of other things to do, so if you can't get to the kiosk, it's not frustrating.

-MSC says that there are other things around for visitors to play with

Quite a few sites have MP and SOS. Do they interact?

-MSC has them on separate floors and it's hard to connect them. The docents tell visitors about the other sphere that is available

-Alaska is involved with Second Life and not sure how they will connect that to their SOS

-Hawaii too is working in Second Life

-Can export SOS stuff to Second Life, but Second Life can't be exported to SOS

-Nauticus has a MP that they were going to use for outreach, but they don't really ever use it because it gets knocked around and the mirrors get out of focus

-SMM has an experimental MP. Thought that they could use the MP to check to see if their new movies were rendered well. It doesn't work well as a desktop version of SOS. Want to build a kiosk based system to the MP to allow people to play with the anthropogenic effects on Ocean Acidification. It would provide a personal experience to see how choices effect model runs.

-That seems relatively simple in flash possibly

Hawaii does outreach events with Magic Planet, but there is always someone around to provide a guided experience

Can we create a central location to store our scripts that allow us to connect to SOS from other platforms? Matt just figured out how to connect to SOS with flash. SOS returns errors to tell you whats wrong.

-That can be posted on the SOS website

-will get the files from Matt and post them with the CU software

-Bishop will make their code for the kiosk available as well

-SOS team wants something that works right out of the box

Can we get a Wiki to post all of these things and document them? Bryan from SMM can potentially host a wiki to do this. NOAA isn't sure we can put one on our website.

Top Priorities

-Make sure that what we create is compatible with other sites

-Having data available in formats so that other sites can manipulate it and pull out what they want

-Sharing the code that is available so that we aren't reinventing the wheel

-Sharing the kiosks that have been developed