

RT Data Group Presentation and Summary

Discussion about of new products. There is an appreciation of RT data products, but there is limited interest in a buffet of RT data products. Reason: It's challenging for the museum to explain and use the data elements. Maybe just stick to the basics:
Satellite, clouds, sst, solar

What does the public want? Natural disasters.

The group wants contextual stories

Summary:

- 1) Talking points that references realtime data, maybe weekly
- 2) Annotated sphere data (john madden drawings).
- 3) Narrative track
- 4) Spherecast
- 5) 2 minute, monthly shorts

= Raw notes from the session =

What are the goals for the RT data

Is there a desire to know more about realtime dat?

Is there a specific type of RT data needed

What kind of data do we need? Any natural disaster.

Use case:

Can we show tornados on SOS?

For tornados, what about showing radar images? Steve Albers said that we do have some radar data available. However, there is an issue of scale? Radar is extremely local scale. Even Hurricanes are small on the sphere.

Another RT data type that some are interested in are "fires" and smoke plumes. Maurice said they show this at Goddard. They use a picture of the fire as a geo referenced PIP on the sphere.

Tom S. – There is a tension between the sphere, which specializes in global scale, and wanting to show the local scale events that make the headline news. You really need to be able to show both.

Maurice thinks that PIP's are invaluable for showing local scale.

Dan asked, should NOAA/NASA produce pip's that match up with events of the day.

Question: Are there categories of RT data that is lacking in the SOS offering?

Answer: We want contextualized stories, not just data.

What about agriculture data? Maurice said that there is a global vegetation product.

MSCI – would like a real time carbon soot data center

What about a real time ISS tracker? Maybe at Fiske.

What about a real time hurricane tracker that can be made to be interpreted without a docent.

Some discussion about showing events and trends in data.

Is there realtime solar data? Yes, Stereo project.....next year will be a 360 view of the sun.

What about night light data to show sometime of socio/economic events? Dan said there are some NGDC products, but it is time consuming to create visualization in RT.

Ideal situation, is a team of people that create the contextualized stories of some timely RT event.

Carrie said, this was the whole idea about the Daily Planet Briefing, using the spherecast. Could be used live, could be saved for play back, could be used to train docents about the data. The fundamental question. Is there value, will sites use it, because it is expensive to do.

Ned's daily science bulletin. Another level would be to send out a audio track, that goes out as a product, that plays along with the sphere. The problem can be the timeliness.

Another aspect of the story is who is your audience? Maurice says 8'th grade.

Tom S. – Three stages of products. 1) A static display of data, with a color bar. 2) an animated display that shows an event that can be displayed, 3) same as #2, but it's in real time.

Some comment that “daily” may be too frequent. Perhaps weekly would be a good granularity.

Docents need to have a “small” screen version to review and study. Not every presenter has access to a sphere to practice their talk.

Perhaps there is too many RT data products, it might be better to focus on fewer data, basic data sets. Core data, SATIR, clouds, etc, that can be routinely displayed and explained.

What is the best way to deliver content. Annotated images, spherecasts, etc? Some museums would want just an narrated script, talking points, to give to the docent staff.

Maryland said they won't do a whole new, interpreted show, but would want to add to their existing, well thought out shows.

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- 7) Annotated sphere data (john madden drawings).
- 8) Narrative track
- 9) Spherecast

How about monthly two minutes short stories on the sphere. 50% would like