



## Science On a Sphere Users Collaborative Network Workshop

### Final Agenda, June 10-12, 2014

Science Museum of Minnesota, St. Paul, MN



|              | Time  | Auditorium   | Discovery Hall--SOS | Future Earth--SOS | Neon | Xenon | Argon |  |
|--------------|---|--|---------------------|-------------------|------|-------|-------|--|
| <b>Day 1</b> | 8:00  | 8:00 AM REGISTRATION/CHECK-IN in Lobby & CONTINENTAL BREAKFAST in Discovery Hall (60 min)                    |                     |                   |      |       |       |  |
|              | 8:15  |  |                     |                   |      |       |       |  |
|              | 8:30  |  |                     |                   |      |       |       |  |
|              | 8:45  |  |                     |                   |      |       |       |  |
|              | 9:00  | 9:00 AM Welcome & Introductory Remarks - NOAA and the Science Museum of Minnesota (45 min)                   |                     |                   |      |       |       |  |
|              | 9:15  |  |                     |                   |      |       |       |  |
|              | 9:30  |  |                     |                   |      |       |       |  |
|              | 9:45  | 9:45 AM Introductions and Future Directions of the Boulder SOS Team - John Schneider & Beth Russell (30 min) |                     |                   |      |       |       |  |
|              | 10:00   |  |                     |                   |      |       |       |  |
|              | 10:15   | 10:15 AM BREAK (15 min)—drinks served in Discovery Hall  |                     |                   |      |       |       |  |
|              | 10:30   | 10:30 AM What's New? SOS 4.2 and Other Updates - Shilpi Gupta, Ian McGinnis, Vincent Keller (30 min)         |                     |                   |      |       |       |  |
|              | 10:45   |  |                     |                   |      |       |       |  |
| 11:00        | 11:00 AM Transition Time to setup virtual presentation  |  |                     |                   |      |       |       |  |
| 11:10        | 11:10 AM KEYNOTE: "Low Carbon, Low Cost Wind and Solar Energy Systems are Feasible with Large Geographic Domains" - Dr. Sandy MacDonald (virtual, 20 min with 10 min Q&A) |  |                     |                   |      |       |       |  |
| 11:30        |   |  |                     |                   |      |       |       |  |



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|--------------|-------|--|---|--|---------------|--|-------|---|--|
| <b>Day 1</b> | 11:45 | LUNCH, etc. in Discovery Hall (11:45 AM-1:00 PM)—Options: eat, chat with fellow attendees, visit the iGlobe table in Discovery Hall to see a new demo            |   |  |               |  |       |   |  |
|              | 12:00 |  |   |  |               |  |       |   |  |
|              | 12:15 |  |   |  |               |  |       |   |  |
|              | 12:30 | LUNCH (cont.)  | 12:30 pm <i>Optional</i> : Lunchtime Q&A with an SOS Support Tech – at the Sphere | 12:30 pm <i>Optional</i> : SMM's Planet Earth Decision Theater   | LUNCH (cont.) |  |       |   |  |
|              | 12:45 |  |   |  |               |  |       |   |  |
|              | 1:00  | 1:00 PM SOS Network Developments - Maria Murray (10 min)   |   |  |               |  |       |   |  |
|              | 1:10  | 1:10 PM PANEL: Improving the Use and Understanding of Complex Data and Science Topics on SOS - Patrick Rowley, Stephanie Schollaert Uz, Celeste Frazier (50 min) |   |  |               |  |       |   |  |
|              | 1:30  |  |   |  |               |  |       |   |  |
|              | 1:45  |  |   |  |               |  |       |   |  |
|              | 2:00  | 2:00 PM Transition Time (10 min)   |   |  |               |  |       |   |  |
|              | 2:10  |  |   | 2:10 PM SOS Showcase<br>Theme: Formal Education (75 min)<br>Presenters:<br>Hilary Peddicord (15 min)<br>Darik Velez (15 min)<br>Bill Mitchell (15 min)<br>Sue Wu (15 min)<br>Brooke Hsu (15 min) |               | 2:10 PM "How to": And Then There Were Three (Projectors)... - Bryan Kennedy (20 min)   |       |   |  |
|              | 2:30  |  |   |  |               | 2:30 PM Future Earth Theater - Bryan Kennedy & Robert Garfinkle (30 min)   |       |   |  |
| 2:45         |       |  |   |  |               | 2:10 PM Working Group:<br>Unscripted Stories: Professional Development and Tools for Data-Nimble Facilitators - Emily Yam & Alie LeBeau (80 min) |       |   |  |
| 3:00         |       |  |   |  |               | 3:00 PM Planet Earth Decision Theater - Stephanie Long (30 min)  |       | 3:00 PM Working Group: Review of Playlist Editor Changes and Tips for Using PIPs - Beth Russell & Vincent Keller (30 min) |  |
| 3:15         |       |  |   |  |               |  |       |   |  |



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|--------------|------|--|--|--|--|-------|---|--|
| <b>Day 1</b> | 3:30 | 3:30 PM BREAK (15 min)—Snacks & drinks served on Level 6 and Discovery Hall  |  |  |  |       |   |  |
|              | 3:45 |  | 3:45 PM SOS Showcase continued<br>Theme: Formal Education (30 min)<br>Presenters:<br>Toshi Komatsu (30 min)                        |  |  |       |   |  |
|              | 4:00 |  |  |  | 3:45 PM<br><i>Optional:</i> "Drop-In"<br>demonstration<br>of SOS content in<br>a dome:<br>"Teaching from<br>Inside the<br>Sphere" - Joel<br>Halvorson &<br>Sally Brummel |       |   |  |
|              | 4:15 |  |  | 3:45 PM "How to": EarthNow "Mini"<br>Training - Patrick Rowley & Margaret<br>Mooney (90 min) |  |       | 3:45 PM Working Group: Rapid<br>Program Prototyping for the Sphere<br>- Stephanie Long (90 min) |  |
|              | 4:30 |  | 4:15 PM "How to": "Our Pale Blue<br>Dot" - Plus Tips and Tricks for Video<br>Production on the Sphere - Victoria<br>Weeks (60 min) |  |  |       |   |  |
|              | 4:45 |  |  |  |  |       |   |  |
|              | 5:00 |  |  |  |  |       |   |  |
|              | 5:15 | <a href="#">5:15 - 6:30 PM Reception in the Science Museum's Exhibit Fabrication Shop &amp; Big Back Yard outdoor environmental park</a> |  |  |  |       |   |  |
|              | 5:30 |  |  |  |  |       |   |  |
|              | 5:45 |  |  |  |  |       |   |  |
| 6:00         |      |  |  |  |  |       |   |  |
| 6:15         |      |  |  |  |  |       |   |  |



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|       | Time  | Auditorium  | Discovery Hall--SOS | Future Earth--SOS   | Neon | Xenon  | Argon |               |  |
|-------|-------|---|---------------------|---|------|--|-------|---------------|--|
| Day 2 | 9:00  | 9:00 AM Agenda Overview (5 min)   |                     |   |      |  |       |               |  |
|       | 9:05  | 9:05 AM "Storms on Stage" presentation - SMM Science Live Theatre (20 min)  |                     |   |      |  |       |               |  |
|       | 9:25  | 9:25 AM KEYNOTE: "The Inflection Point: Why This Moment in History Will Determine the Future of our Planet" - Dr. Jonathan Foley (25 min w/ 10 min Q&A) |                     |   |      |  |       |               |  |
|       | 9:45  |   |                     |   |      |  |       |               |  |
|       | 10:00 | 10:00 AM BREAK (30 min)—Snacks and drinks served in Discovery Hall  |                     |   |      |  |       |               |  |
|       | 10:15 |   |                     |   |      |  |       |               |  |
|       | 10:30 | 10:30 AM KEYNOTE: "The Reflection Point: On Building a New Narrative" - Dr. Ned Gardiner (25 min w/ 10 min Q&A)   |                     |   |      |  |       |               |  |
|       | 10:45 |   |                     |   |      |  |       |               |  |
|       | 11:00 | 11:05 AM Transition Time (10 min)   |                     |   |      |  |       |               |  |
|       | 11:15 |   |                     | 11:15 AM SOS Team: Using KML and WMS with SOS and SphereCasting Showcase - Shilpi Gupta & Keith Searight (45 min) |      |  |       |               |  |
|       | 11:30 |   |                     |   |      |  |       |               |  |
|       | 11:45 |   |                     |   |      |  |       |               |  |
|       | 12:00 | LUNCH, etc. in Discovery Hall (12:00-1:00 PM)—Options: eat, chat with fellow attendees, relax   |                     |   |      |  |       |               |  |
|       | 12:15 |   |                     |   |      |  |       |               |  |
|       | 12:30 | LUNCH (cont.)   |                     | 12:30 pm <i>Optional</i> : Lunchtime Q&A with an SOS Support Tech--at the Sphere                                  |      | 12:30 pm <i>Optional</i> : SMM's Planet Earth Decision Theater |       | LUNCH (cont.) |  |
|       | 12:45 |   |                     |   |      |  |       |               |  |



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|--------------|------|------------|---|--|------|--|---|--|
| <b>Day 2</b> | 1:00 |            |   |  |      |  |   |  |
|              | 1:15 |            | 1:00 PM "How to": NESO Data Access and Measurements Tool - Maurice Henderson & Stephanie Schollaert Uz (60 min)   | 1:00 PM SOS Showcase<br>Theme: Earth's Humanity (60 min)<br>Presenters:<br>Robert Garfinkle (20 min)<br>Shilpi Gupta & Marda Kirn (20 min)<br>Jamie Klein (20 min) |      |  | 1:00 PM "How to": Training Docents for Conversation-Based Presentations - Lauren Chaharbakhshi (60 min)   |  |
|              | 1:30 |            |   |  |      |  |   |  |
|              | 1:45 |            |   |  |      |  |   |  |
|              | 2:00 |            |   |  |      |  |   |  |
|              | 2:15 |            | 2:00 PM SOS Showcase<br>Theme: Constructing Shows & Content (90 min)<br>Presenters:<br>Zeta Strickland (20 min)<br>Eddie Goldstein (30 min)<br>Michael Starobin (20 min)<br>Andrew Cohen (20 min) |  |      |  | 2:00 PM Working Group: SOS Explorer – A Version of SOS for the Classroom – In development, looking for feedback - Hilary Peddicord & Eric Hackathorn (45 min) |  |
|              | 2:30 |            |   |  |      | 2:00 PM Working Group:<br>Visualizing Change – Developing Narratives for Global Change - Sylvia Scharf, Annette Brickley, Emily Yam (90 min) |   |  |
|              | 2:45 |            |   |  |      |  | 2:45 PM Working Group: Teacher Workshops using SOS – Examples and Discussion - April Chancellor & Hilary Peddicord (45 min)                                   |  |
|              | 3:00 |            |   |  |      |  |   |  |
|              | 3:15 |            |   |  |      |  |   |  |



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| <b>Day 2</b> | 3:30 | 3:30 PM BREAK (15 min)—Snacks & drinks served in Discovery Hall  |                     |                   |      |       |       |
|              | 3:45 |  |                     |                   |      |       |       |
|              | 4:00 |  |                     |                   |      |       |       |
|              | 4:15 |  |                     |                   |      |       |       |
|              | 4:30 |  |                     |                   |      |       |       |
|              | 4:45 |  |                     |                   |      |       |       |
|              | 5:00 |  |                     |                   |      |       |       |
|              | 5:15 |  |                     |                   |      |       |       |
|              | 5:30 |  |                     |                   |      |       |       |
|              | 5:45 |  |                     |                   |      |       |       |
|              | 6:00 |  |                     |                   |      |       |       |
|              |      | 3:45 - 6:15 PM (Walking) Energy tour of Science Museum and District Energy St. Paul /Explore SMM on your own (museum closes 5:00 PM) |                     |                   |      |       |       |



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| <b>Day 3</b> | 8:45  | 8:45 AM Agenda Overview (5 min)  |  |                   |      |   |  |  |
|              | 8:50  |  |  |                   |      |   |  |  |
|              | 9:15  | 8:50 AM PANEL: Evaluation/Learning Sciences - Katie Stofer, Zeta Strickland, Andrea Giron, Christine Larouche (55 min)             |  |                   |      |   |  |  |
|              | 9:30  |  |  |                   |      |   |  |  |
|              | 9:45  | 9:45 AM BREAK (25 min) —Snacks & drinks served in Discovery Hall   |  |                   |      |   |  |  |
|              | 10:00 |  |  |                   |      |   |  |  |
|              | 10:10 | 10:10 AM KEYNOTE: "Climate Change Communication: Toward an Evidence-Based Approach" - Dr. Julie Sweetland (30 min with 10 min Q&A) |  |                   |      |   |  |  |
|              | 10:30 |  |  |                   |      |   |  |  |
|              | 10:45 | 10:50 AM Transition Time (10 min)  |  |                   |      |   |  |  |
|              | 11:00 |  |  |                   |      |   |  |  |
|              | 11:15 |  | 11:00 AM Working Group: Rethinking the SOS iPad Control Interface - Jamie Klein & Matt Brownell (60 min) |                   |      | 11:00 AM "How to": The Power of 3: Framing Stories for the SOS - Toshi Komatsu (60 min) | 11:00 AM "How to": Integrating NOAA View Content into SOS Presentations - Dan Pisut (60 min) |  |
|              | 11:30 |  |  |                   |      |   |  |  |
| 11:45        |       |  |  |                   |      |   |  |  |



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|--------------|----------------------------------|---|--|--|---|-------|--|
| <b>Day 3</b> | 12:00                            | LUNCH, etc. in Discovery Hall (12:00-1:00 PM)—Options: eat, chat with fellow attendees, relax   |  |  |   |       |  |
|              | 12:15                            |   |  |  |   |       |  |
|              | 12:30                            | LUNCH (cont.)   |  | 12:30 pm <i>Optional</i> : SMM's Planet Earth Decision Theater   | LUNCH (cont.)   |       |  |
|              | 12:45                            |   |  |  |   |       |  |
|              | 1:00                             | 1:00 PM SOS Showcase<br>Theme: Special Earth Topics (90 min)<br>Presenters:<br>Maurice Henderson (20 min)<br>AJ Lapre (20 min)<br>Stace Beaulieu (30 min)<br>Tassie Gniady & Patrick Beard (20 min) | 1:00 PM "How to": Creating Standards-Based Programs - Thomas Quayle (90 min) | 1:00 PM Working Group: Climate Change Communication: Workshop in Strategic Framing for Informal Science Educators - Julie Sweetland (90 min) | 1:00 PM Working Group: Evaluating the SOS Content Library - Dan Pisut & Beth Russell (90 min) |       |  |
|              | 1:15                             |   |  |  |   |       |  |
|              | 1:30                             |   |  |  |   |       |  |
|              | 1:45                             |   |  |  |   |       |  |
|              | 2:00                             |   |  |  |   |       |  |
|              | 2:15                             |   |  |  |   |       |  |
| 2:30         | 2:30 PM Transition Time (10 min) |   |  |  |   |       |  |
| 2:40         | 2:40 PM Closing remarks (20 min) |   |  |  |   |       |  |
| 3:00         | 3:00 PM Adjourn                  |   |  |  |   |       |  |