

# Virtual Science On a Sphere Users Collaborative Network Workshop

TUESDAY - AUGUST 30, 2022

1:00 PM ET	Welcome Remarks (10 minutes)	Dr. Carrie McDougall, Senior Program Manager, NOAA's Office of Education		
1:10 PM	Keynote: Welcoming Remarks (20 minutes)	Dr. Stephen Volz, NOAA, Assistant Administrator for Satellite and Information Services		
1:30 PM	Updates on the SOS Program (50 minutes)	SOS Team		
2:20 PM	BREAK (2:20 - 2:30 PM)			
2:30 PM	Lightning Talks (40 minutes)	Introduction to Lightning Talks (10 minutes)		
		Big Blue Marble from Geostationary Orbit		
		120 Years of Earthquakes and Their Tsunamis		
		A Regional Understanding of the Anthropocene		
		Music And SOS		
		Lightning Talks Q & A (10 minutes)		
3:10 PM	BREAK ( 3:10 - 3:20 PM)			
3:20 PM	Making a Map and Learning Cartography using QGIS (40 minutes)	Connecting Spaces: Integrating Climate Solutions through Storytelling (40 minutes)	Innovating Methods To Bring Real- time Data To Life (40 minutes)	Hardware, Maintenance, and Support with Alex (40 minutes)
4:00 PM	BREAK ( 4:00 - 4:10 PM)			
4:10 PM	Extend your SOS presentation with local storytelling using free web applications (20 minutes)	Ocean and Climate Subject Matter Experts Available for Your Institution (20 minutes)	The Creation of the Pandemic and Air Quality Live Program (20 minutes)	Moving PIPS: Tracking Breton the Great White Shark on SOS (20 minutes)
END of DAY 1 - 4:30 PM ET				

# 2022 Virtual Science On a Sphere Users Collaborative Network Workshop

WEDNESDAY - AUGUST 31, 2022

1:00 PM ET	Welcome Remarks (15 minutes)	SOS Team		
1:15 PM	Keynote: Visualization for science engagement and storytelling (45 minutes)	Dr. Mark SubbaRao, Lead, NASA's Scientific Visualization Studio		
2:00 PM	Panel: Visual Thinking Strategies: From Art Museums to Science Classrooms - A New Way of Seeing Science On a Sphere Visualizations (30 minutes)	Dr. Kate Semmens, Hilary Peddicord, Nick Corcoran		
2:30 PM	BREAK (2:30 - 2:40 PM)			
2:40 PM	Lightning Talks (35 minutes)	Introduction to Lightning Talks (5 minutes)		
		SOS meets Hubble		
		A Sphere for All Learners		
		Calls to Action: One Size Does Not Fit All		
		Lightning Talks Q & A (15 minutes)		
3:15 PM	Transition time (3:15 - 3:20 PM)			
3:20 PM	Using the Science on a Sphere to Connect Communities to Resiliency (20 minutes)	Amplifying your work with SOS (20 minutes)	Off the Planet -- An Introduction to Non-spherical data on Spherical Surfaces (20 minutes)	A Facelift for the SOS Data Spotlight in the Remote App (20 minutes)
3:40 PM	Break (3:40 - 3:50 PM)			
3:50 PM	Using NOAA Data in Planetariums to Enhance the Education Experience (40 minutes)	Let's talk about Climate change: IPCC Assessment Report edition (40 minutes)	Workshop for Creating And-But-Therefore Earth Stories Using SOS Datasets (40 minutes)	Experimental Methods of Visualization and Their Educational Uses (40 minutes)
END of DAY 2 - 4:30 PM ET				

# 2022 Virtual Science On a Sphere Users Collaborative Network Workshop

THURSDAY - SEPTEMBER 1, 2022

1:00 PM ET	Welcome (10 minutes)	SOS Team		
1:10 PM	Keynote: Designing Natural User Interactions that Do Not Interfere with Learning (45 minutes)	Dr. Nikita Soni, Assistant Professor, Department of Computer Science. University of Illinois at Chicago		
1:55 PM	Lightning Talks (35 minutes)	Introduction to Lightning Talks (5 minutes)		
		Extending the benefits of a NOAA Educational Grant - Margaret Mooney		
		Data in the Classroom - Amy Dean		
		Exploring Global Environmental Health Challenges and the UN SDGs with First Year University Students on SOS in a K-12 Environment - Patrick Rowley		
		Lightning Talks Q & A (10 minutes)		
2:30 PM	BREAK (2:30 - 2:40 PM)			
2:40 PM	Unique Methods in Education & Storytelling for Planetariums, Spheres & Beyond (30 minutes)	Create Local Climate Resilience Maps (45 minutes)	SOS Showcase Leveraging SOS Flexibility To Support Focused Exhibit Experiences (15 minutes)	
3:10 PM			SOS Showcase Conceptualizing Climate Change: The story of sea-level rise in Hawaii (15 minutes)	
3:15 PM			SOS Showcase POLLINATION -- Foundation of the Food Supply (15 minutes)	
3:25 PM	Panel: Planetariums, SOS & Education (35 minutes)	Transition Time (3:25- 3:30 PM)		
3:30 PM		Visualizing Datasets from "Our World in Data" using Python (20 minutes)	SOS Explorer Mobile - The magic of SOS in your pocket! (20 minutes)	Alignment Do's and Don'ts (20 minutes)
3:50 PM	Transition Time (3:50 - 3:55 PM)			
3:55 PM	Vision for the SOS Program (45 minutes)			
4:40 PM	Closing Remarks (20 minutes)			
5:00 PM	END OF DAY 3 - 5:00 ET			