



Virtual Science On a Sphere Users Collaborative Network Workshop

TUESDAY - DECEMBER 1, 2020

1:00 PM ET	Welcome Remarks		Dr. Carrie McDougall, Senior Program Manager, NOAA's Office of Education	
1:20 PM	Opening: SOS - High Tech Telling the Terrific Story of NOAA at 50		RDML Tim Galladuet, Assistant Secretary of Commerce for Oceans and Atmosphere, Deputy NOAA Administrator	
1:35 PM	Keynote: 2020 Hurricane Season and Top Things to Take Away		Ken Graham, Director, National Hurricane Center, NOAA's National Weather Service	
BREAK (2:20 - 2:30 PM)				
2:30 PM	Introduction to Lightning Talks			
	Lightning Talks	Pivoting for a Pandemic: Three SOS Activities that JMU Tried from Home		
		Re-imagining our Learning Community		
		Science on the Sphere at VCU - a collaboration between Life Sciences and Education		
		SOS - Present and Future		
		Lightning Talks Q & A		
BREAK (3:10 - 3:15 PM)				
3:15 PM	Active Remote Learning: SOS Explorer mobile and supplemental technologies for K-12 students	Role of Science City, Kolkata in communicating Science to masses using SOS	Grabbing Real-time Data From Anywhere To Enhance Your Visualizations	From fieldwork to prediction to visualization: How scientists forecast Red Tide events
3:40 PM		Best practices for science communication with high stakes audiences: Visualizing data from the National Geodetic Survey		
BREAK (4:00 - 4:05 PM)				
4:05 PM	SOS Explorer: Creating Interpretative Programming with Virtual Reach	@NOAASatellites Greatest Hits of 2020: Best Social Media Practices	Using NASA Earth Observations for Spherical Display Systems	
END of DAY 1 (4:30 PM)				

AGENDA COLOR LEGEND			
PLENARY	EDUCATION	VISUALIZATION	SOCIETY



2020 Virtual Science On a Sphere Users Collaborative Network Workshop

WEDNESDAY - DECEMBER 2, 2020

1:00 PM ET 1:05 PM	Welcome			
	Updates from the Science On a Sphere Boulder, Colorado Team		SOS Boulder Team	
1:45 PM	Keynote: SOS: How the choreography of our contemplation completes a portrait of our distress		Lars Jan, Director, Artist, Writer, and Activist	
BREAK (2:25 - 2:35 PM)				
2:35 PM	Introduction to Lightning Talks			
	Lightning Talks	Using Science On a Sphere to connect science and art		
		Adapting aquarium programs for at-home audiences		
		TV Meteorologists as local climate partners		
Life in the Universe			Lightning Talks Q & A	
BREAK (3:15 - 3:20 PM)				
3:20 PM	Cartography of Contentment	Glimpses of Science On a Sphere shows developed at VITM, Bangalore India	Innovation in the Time of Covid	Integrating SOS Technology in the K-12 Classroom
	BREAK (3:40 - 3:45 PM)			
3:45 PM	Making a simple color shaded maps in QGIS for the SoS	Virtual SOS Engagement - Two Case Studies	Visualizing Tsunami Warning Operations	Tiny tutorials: Supporting virtual learning by making data more accessible
	END of DAY 2 - 4:25 PM ET			

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THURSDAY - DECEMBER 3, 2020

1:00 PM ET	Welcome		SOS Team	
1:05 PM	Keynote: Science On a Sphere: The Creation Story		Dr. Alexander "Sandy" MacDonald, Inventor of Science On a Sphere, Retired Director of NOAA's Earth System Research Laboratory	
1:50 PM	Introduction to Lightning Talks			
	Lightning Talks	What's New? Datasets and Visualizations from NOAA Boulder		
		New Datasets from DC		
		SOS as Spherical Cinema		
		NOAA satellites to SOS - where to find and download NOAA satellite imagery		
	Lightning Talks Q & A			
BREAK (2:30 - 2:40 PM)				
2:40 PM	Slide to the Left: Using Microsoft PowerPoint for Entry-Level Dataset Creation	La plastica al giro di boa (Turning the tide on plastic)	Attractive shows for SOS: methodologies for reaching varied audiences	Small Steps & Major Moves: Building Higher Ed Data Visualization Capacity in an Environment Transformed by COVID-19
BREAK (3:00 - 3:05 PM)				
3:05 PM	Extend your SOS presentations with no-code applications and Story Maps	Keeping it local: how to access the climate data of your own backyard	Teaching the Teachers: Providing Data Visualization Summer Institutes	Applying and Modifying NOAA Satellite Environmental Data
3:30 PM			BREAK (3:25 - 3:30 PM) On the Front Lines with the Underserved: Educating Through Crisis: A Community College Response	
BREAK (3:50 - 3:55 PM)				
3:55 PM	Enhancing Visualization Offerings For The Pacific: Movements of Humans and Other Animals	It's Getting Hot in Here: The Story of Arctic Ice Loss	Reimagining a Custom Interactive SOS Field Trip with Kahoot!	Adding Custom SOS Content with the SOS Visual Playlist Editor
BREAK (4:15 - 4:20 PM)				
4:20 PM	Closing Session			

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