

# 2017 Science On a Sphere® Users Collaborative Network Workshop

<http://www.noaa.gov/sosnetwork/workshops/2017>



# POLE TO POLE

Connecting people, places, animals and spaces



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# WELCOME TO THE 8TH SOS WORKSHOP

It's great to be here with you all.

It's the 10<sup>th</sup> anniversary of the SOS network!

8<sup>th</sup> SOS Workshop is well attended

- 138 participants
- 59 institutions
- 5 countries
- 56 presentations!

Thanks to those who have traveled far.  
Participants are here from these other countries:

- Taiwan
- Mexico
- Japan
- Germany
- Austria



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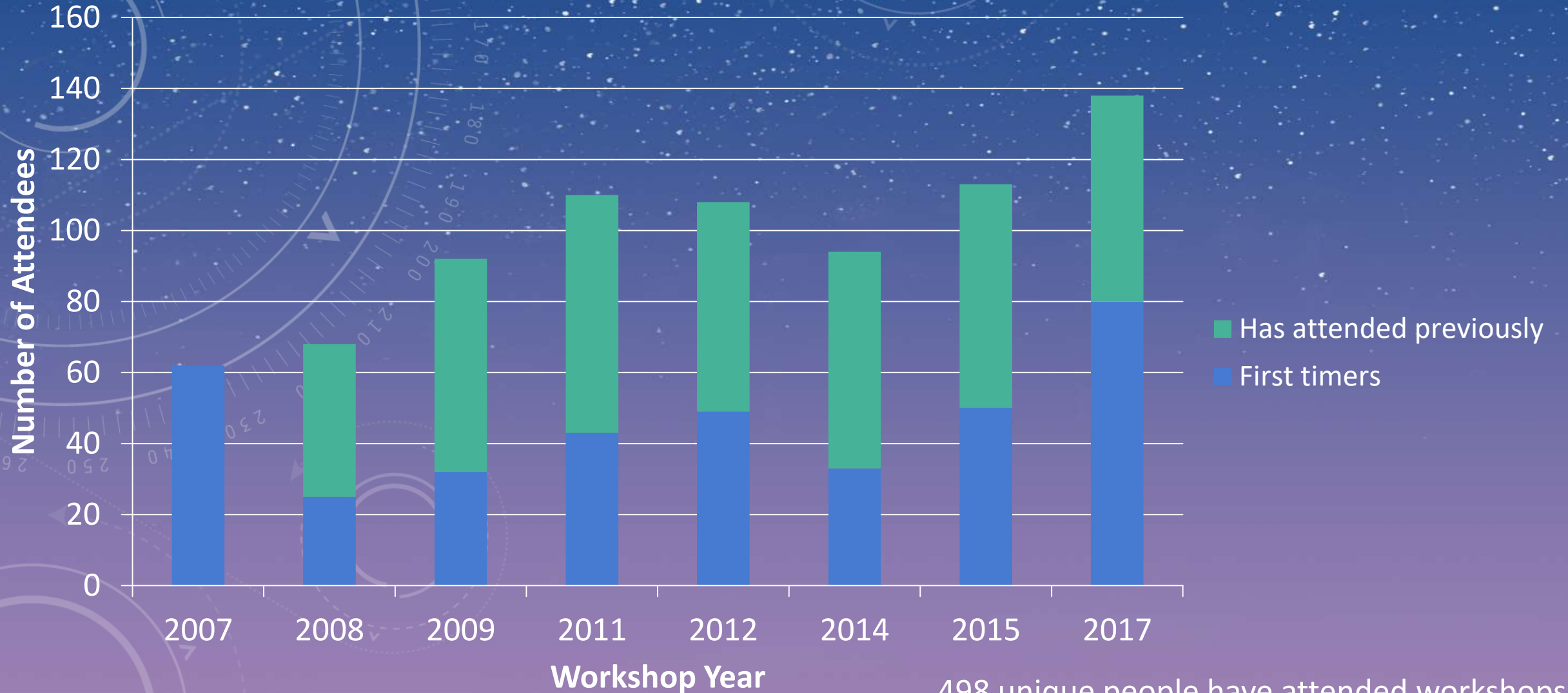
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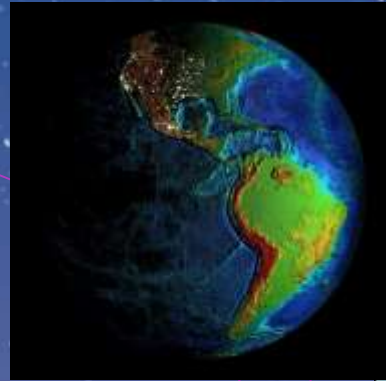


# LOOKING BACK OVER THE PAST 10 YEARS: SOS WORKSHOP ATTENDANCE



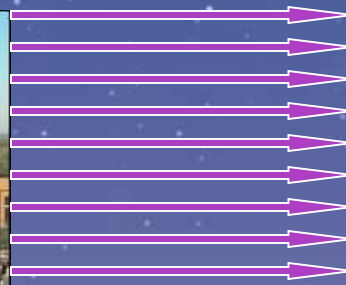
498 unique people have attended workshops

# SOS NETWORK: AN IDEAL PARTNERSHIP



Trusted provider of science information

Data & information



The general public

Data collection  
Analysis  
Scientific Expertise

Areas of Expertise

Context & Annotation  
Audience-appropriate presentation  
Mass dissemination  
Collect Feedback from audience

# LEARN ABOUT THE HISTORY OF SOS & CONTRIBUTE

1995 SOS is  
born

2007 SOS  
Network  
created

2017 10-year  
mark for  
network

A white horizontal arrow pointing to the right, spanning the width of the slide, indicating the progression of time.

Add your milestones to our collective timeline

# SUPPORTING THE NETWORK'S EFFORTS

## NOAA Office of Education's Environmental Literacy Grants

- Supported installation of 16 spheres
- 41 grants to Network members
- \$13.2M provided since 2005

## Funded projects to look for here:

- Visualizing Change
- Resilience Panel
- Science Museum of Virginia

## Evaluation

- 55 reports generated by Network members and submitted to NOAA
- 38 are available on our Network web site
- Panel discussion

# WHAT HAVE WE LEARNED?

- 71% of interviewees responded they had learned something new and were able to provide specific examples of what they had learned.
- 82% of visitors stated that seeing information on the sphere changed how they understood the information.
- 87% of visitors who had a facilitated sphere experience reported learning something new
- Best practices for training docents and interpreters
- Best practices for creating content
- How to make spherical movies
- Challenges associated with interpreting real time data
- Importance of using stories, local examples, and framing techniques
- The value of sharing what we're learning with each other as we're learning it.



# WHERE ARE WE HEADED?

- 4k/higher resolution datasets
- Better curated data catalog, more is not necessarily better
- Further develop Global to Local connections, e.g., resilience
- Further enabling sites to create their own customized content (Esri)
- Use of the catalog and best practices for visualization in other platforms
- New datasets, tell us what you'd like to see developed in the future & help us develop it!
- Meta analysis of existing evaluation reports to extract generalized findings
- You'll hear more in a few minutes...

# WHERE DO YOU THINK WE SHOULD GO?

- How do we continue to develop as a network?
- How do we continue to evolve our content production, esp. real-world imagery integration?
- What technological developments will best support your needs for using SOS to educate?
- How can we enable docents to convey complex topics clearly and accurately?
- How can we work together to develop an understanding of the overall impact of SOS?
- How can we best leverage, support, and collaborate with similar technologies?

# HELP US GET THERE: BE A FUTURE WORKSHOP HOST

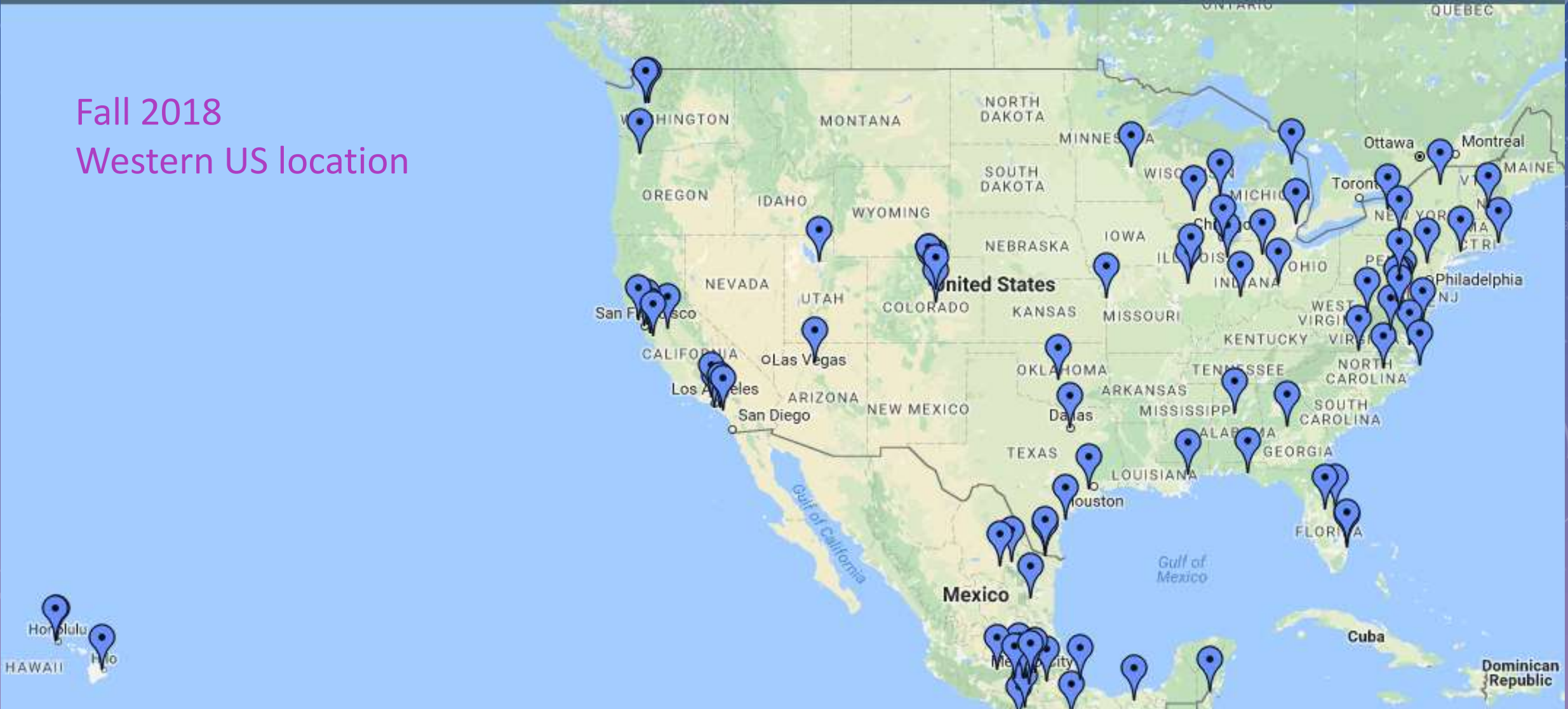


Science On a Sphere Locations



Fall 2018

Western US location



Dominican Republic

# STAY ENGAGED WITH EACH OTHER

- SOSNetwork listserv
- Yahoo group
- SOS Education Forum
- ASTC annual conference “meet ups”
- Gordon Research Conference Visualization in Science & Education, August 2017
- Future SOS network workshops, next one is in the fall of 2018
- Make new connections over these 3 days!
- And, enjoy.