

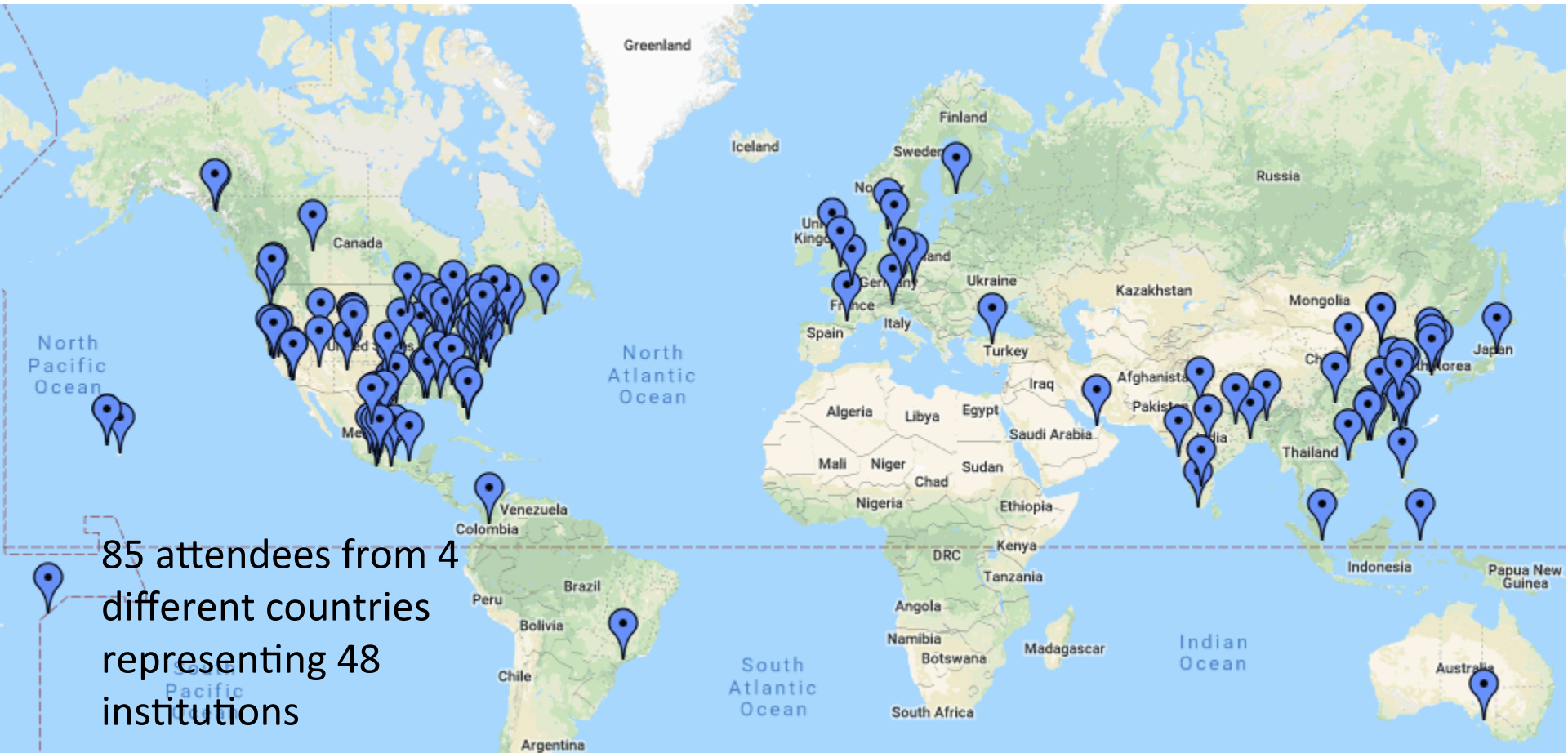
CONNECTING AT THE CROSSROADS

2018 SOS USERS COLLABORATIVE NETWORK WORKSHOP

Carrie McDougall
NOAA, Office of Education



Workshop Attendees



Workshop threads

- Creating relevance for visitors and connecting SOS to other in-house exhibits, programs, and institutional goals
- Crossroads of learning: NGSS and other opportunities for using SOS to engage formal K-12 and higher education students
- Exploring new content from NOAA and NASA; VR and augmented reality
- Climate change resilience, sustainability and youth involvement
- Volunteer engagement including attracting volunteers, training programs, and script development
- Content creation - Sharing best practices and techniques for creating new data visualizations and narratives for the sphere
- Technical operations - Sharing how to integrate technology into seamless sphere presentations

Agenda Color Legend			
Plenary	Engaging Visitors	Content Creation	Crossroads of Learning
Creating Relevance	Technical	Climate Change and Youth	

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APP: Download the free EventsXD app and search for “Connecting at the Crossroads.”

CHAMBER BOARD ROOM WIFI: KCCC GUEST

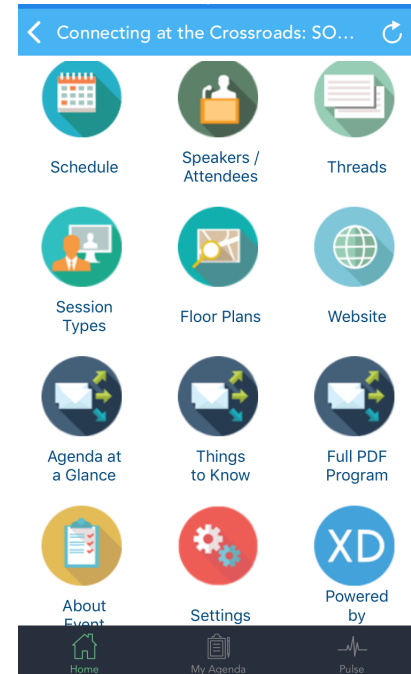
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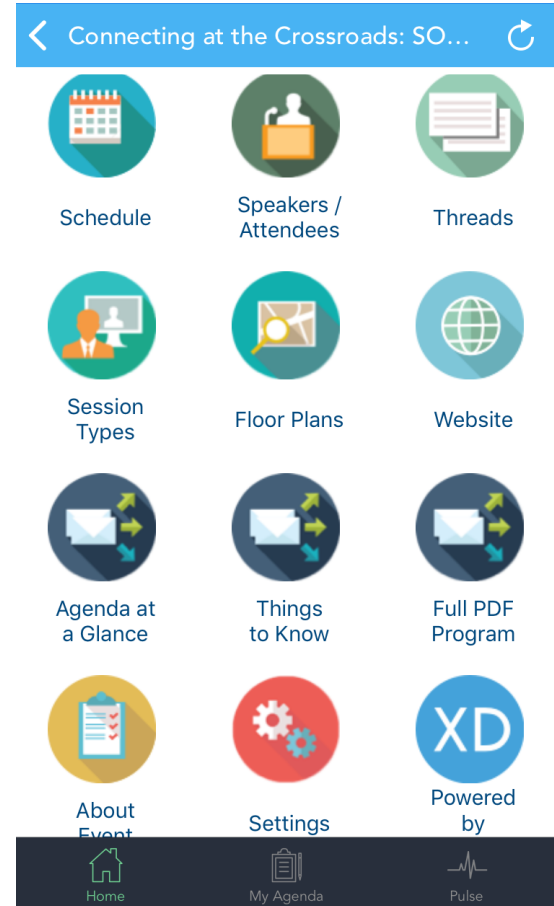
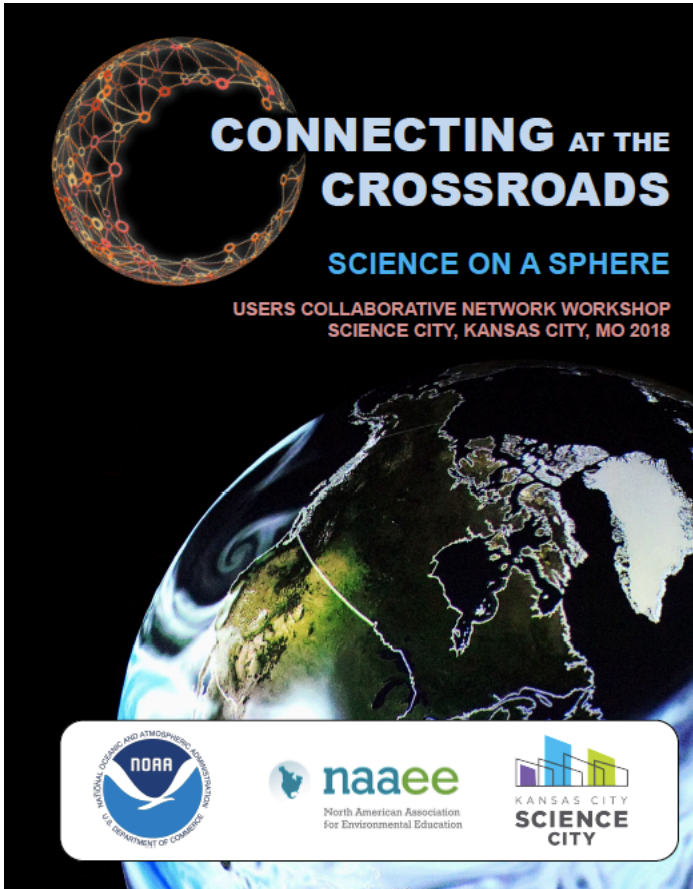
GENERAL WIFI: UNION STATION WIFI

[No password needed]

LINK: <https://tinyurl.com/SOSworkshop2018>

HASHTAG: #SOSworkshop2018





Minimizing our impact

- Walkable hotel-workshop location
- No bottled water
- Minimal printed material
- Try out the KC street car, it's free!

Day-by-day overview

Day 1: Tuesday

- 1:00-2:45 pm Opening remarks & Updates from Boulder
- 2:45-3:15 pm Break
- 3:15-4:00 pm Keynote: David Johnson, Kansas City Area Transportation Authority
- 4:00-5:30 pm Concurrent sessions
- 5:30 pm Optional Happy Hour: SPIN! Neapolitan Pizza

Day-by-day overview (2)

Day 2: Wednesday

- 8:00-9:00 am Breakfast
- 9:00-9:45 am Lightning talks
- 9:45 -10:30 am Keynote: Cynthia Sharpe, Thinkwell Group
- 10:30-11:00 am Break
- 11:00-Noon Concurrent sessions
- Noon-1:00 pm Lunch
- 1:00-3:00 pm Concurrent sessions
- 3:00-3:45 pm Extended break & Tour of Science City (optional)
- 4:00-5:30 pm Concurrent sessions
- 6:00-8:30 pm Evening reception
- 7:00-7:45 pm Keynote: Dr. David Burnham, KU's Biodiversity Institute

Day-by-day overview (3)

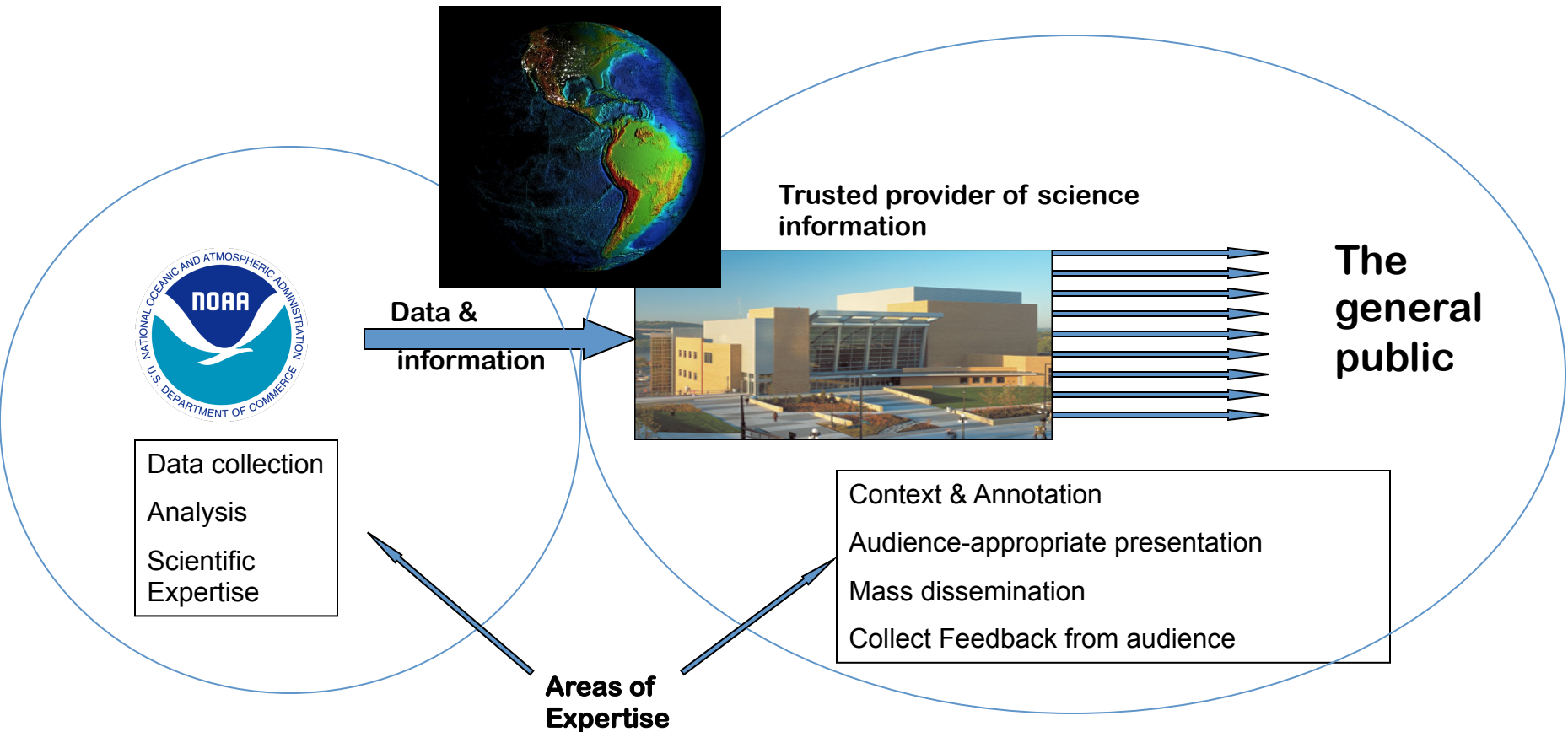
Day 3: Thursday

- 8:00-9:00 am Breakfast
- 9:00-9:45 am Lightning talks
- 9:45-10:30 am Keynote: Dr. Walter H F Smith, NOAA's Laboratory for Satellite Altimetry
- 10:30-11:00 am Break
- 11:00-noon Concurrent sessions
- Noon-1:00 pm Lunch
- 1:00-2:30 pm Concurrent sessions
- 2:30-3:00 pm Break
- 3:00-4:30 pm Concurrent sessions
- 4:30-5:00 pm Closing ceremony

Field trip on Friday (optional)

- Destination: National Weather Service, Central Region Headquarters & National Weather Service Training Center
- Behind-the-scenes tour where you will learn about how weather forecasts are made and then follow the data through to dissemination to the public and to aviation services.
- All guests will be required to show a valid ID (drivers license or passport) upon entry.
- Bus departs Westin at 8:00 AM promptly.

SOS Network: An Ideal Partnership



Supporting the Network's Efforts

NOAA Office of Education's Environmental Literacy Grants

Supported installation of 16 spheres

43 grants to Network members

\$14.1 M provided since 2005

Evaluation

55 reports generated by Network members and submitted to NOAA

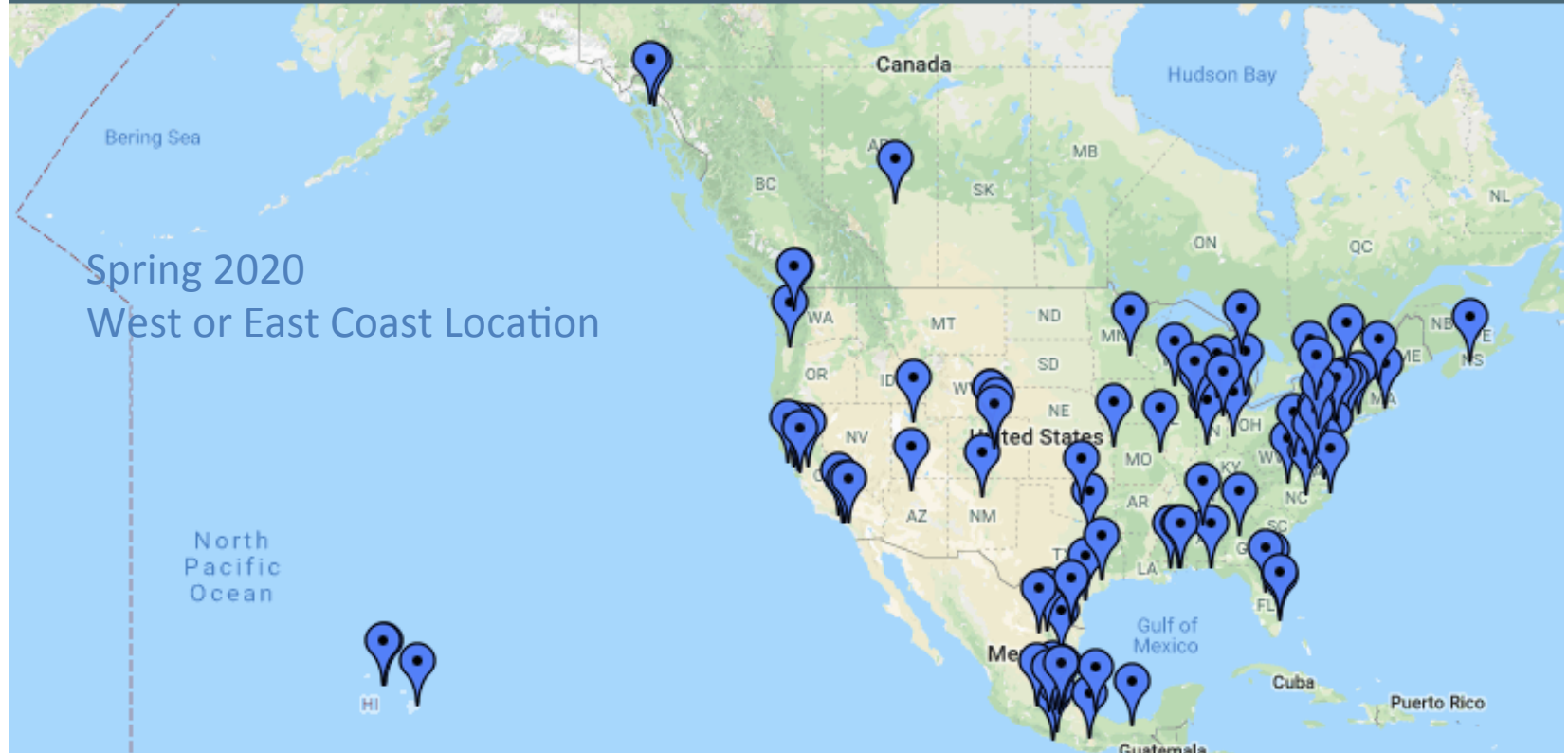
38 are available on our Network web site

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.

Help us advance: be a Future Workshop Host

Science On a Sphere Locations ★



Stay engaged with each other

- SOSNetwork listserv
- Yahoo group
- SOS Education Forum
- ASTC annual conference “meet ups”
- Gordon Research Conference Visualization in Science & Education, July 2019
- Future SOS network workshops, next one is in the spring of 2020
- Make new connections over these 3 days