

# 2025 Student Research Exhibition

**Presenters: GLOBE IVSS and SRS Student Scientists from:**

Buenos Aires, Argentina  
Dearborn Heights, Michigan, USA  
Fort Worth, Texas, USA  
Labin, Croatia  
Los Angeles, California, USA  
Nakhon Si Thammarat, Thailand  
Oakland, California, USA  
Pamplemousses, Mauritius  
Wasilla, Alaska, USA





**Moderators:**

**Alison Mote, CUNY, GIO-STEPE**

**Peter Falcon, NASA Jet Propulsion Laboratory**

**Christi Buffington, University of Alaska, GIO-STEPE**

**July 14, 2025**

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# Welcome to the Student Research Exhibition!

- Agenda
  - Introduction (5 min)
  - Breakouts: Student Research Presentations (50 min)
    - Three research presentation videos, followed by Q&A
  - Closing (3 min)
- Zoom Norms:
  - Mute yourself when not speaking
  - Be respectful
  - Ask questions and leave feedback on the [SE Padlet](#)
  - Use the chat to ask questions and leave comments if you are not able to access Padlet

## Learning Together in a Virtual Student Experience

Students have spent the past six weeks learning from each other and Subject Matter Experts.



Research teams representing the following countries were selected based on their IVSS and SRS research projects:

- Argentina
- Croatia
- Mauritius
- Oman
- Thailand
- USA (Alaska, California, Michigan, and Texas)



Above: Images from students' 2025 IVSS and SRS research projects



## IVSS and SRS Research Presentations: Questions, Feedback, and Badges

While you watch the presentations, add questions and feedback to [the Padlet](#):

- Be **positive** and provide **constructive feedback** in Padlet
- Optional: Choose a **badge** that you think each team earned and share under the team's video in the Padlet

After all research presentations are played, each team will have 5 minutes to answer questions.

- If you type your question in the Zoom chat, **please include the name of project or video number** (1, 2, 3, or 4).
- Q&A will be facilitated by the breakout room moderator.



Badges, badge descriptions, and a peer review form are included at the bottom of the Padlet. Special thanks to the GLOBE U.S. Coordination Office for sharing these resources!

## IVSS and SRS Research Presentation Breakouts

<p><b>Group 1: Argentina, California (USA), Oman, and Michigan (USA)</b></p> <p><b>Protocols:</b> Biosphere, Hydrosphere, Atmosphere</p>	<ol style="list-style-type: none"> <li>1. Trees in Our Community: Using GLOBE to Contribute with Primary and Secondary Data Analysis; St. Luke's College - Haras Santa Maria, Buenos Aires, Argentina</li> <li>2. The Effects of Toxins in our School Water; Hillcrest K-8 School, Oakland, California</li> <li>3. Comparing the observations recorded by GLOBE students with the meteorological station in Al Amerat over ten years; Said bin Nasser Alkindi Basic School, Oman</li> <li>4. Analysis of 15 Years of GLOBE Hydrologic Data Collected in Southeastern Michigan; Crestwood High School, Dearborn Heights, Michigan, USA</li> </ol>	<p><b>Moderator:</b> Christi Buffington, GIO-STEPE</p>
<p><b>Group 2: Croatia, Thailand, and Alaska (USA)</b></p> <p><b>Protocols:</b> Biosphere, Mosquitoes, and Hydrosphere</p>	<ol style="list-style-type: none"> <li>1. Pine Forests in Labins - Yesterday - Today - Tomorrow; Srednja škola Mate Blažine Labin, Croatia</li> <li>2. Regional Analysis of GLOBE Mosquito Data in Asia: Examining Species Diversity, Breeding Sites, and Container Index; Srithammaratsuksa School, Nakhon Si Thammarat, Thailand</li> <li>3. Cottonwood Creek Water Quality Assessment; Knik Charter School, Wasilla, Alaska</li> </ol>	<p><b>Moderator:</b> Alison Mote, GIO-STEPE</p>
<p><b>Group 3: Texas (USA), Mauritius, and California (USA)</b></p> <p><b>Protocols:</b> Hydrosphere and Biometry</p>	<ol style="list-style-type: none"> <li>1. Assessing Local Water Quality Through Macroinvertebrate Diversity and Pollution Indicators; All Saints Episcopal School, Fort Worth, Texas, USA</li> <li>2. Observing variations in growth of mangroves at Roches Noires Lagoon; Pamplémousses SSS, Mauritius, Africa</li> <li>3. Utilizing GLOBE/NASA data to confirm the rising atmospheric temperatures resulting in increases in water vapor with consequently disastrous climate crises; iLEAD Exploration School, Los Angeles, California</li> </ol>	<p><b>Moderator:</b> Peter Falcon, NASA Jet Propulsion Laboratory</p>

“We recognize that as students we have the skills, obligation, and the opportunity to work with scientists in providing critical evidence to be instrumental in making change.”  
~ Teya and Caydin, GLOBE Students, California, USA

## GLOBE Students:

You inspire us all with your curiosity. You are making the world a better place through your research and stewardship.  
Thank you!

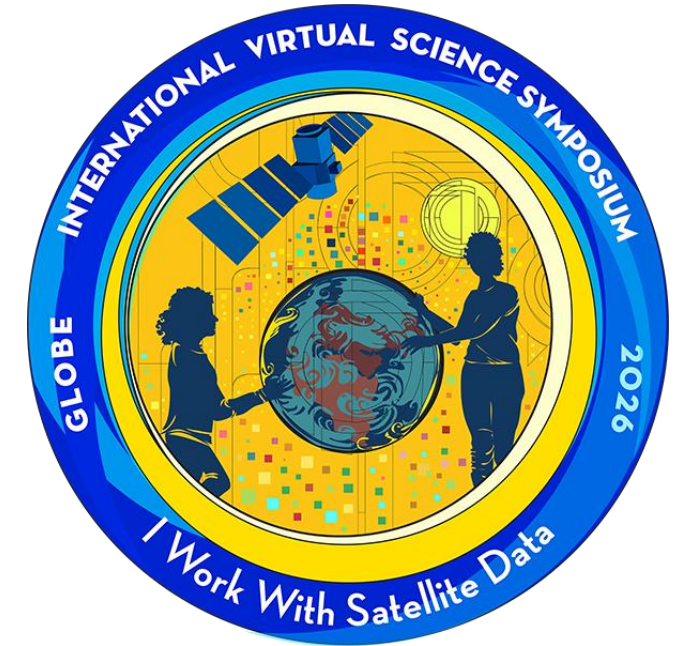
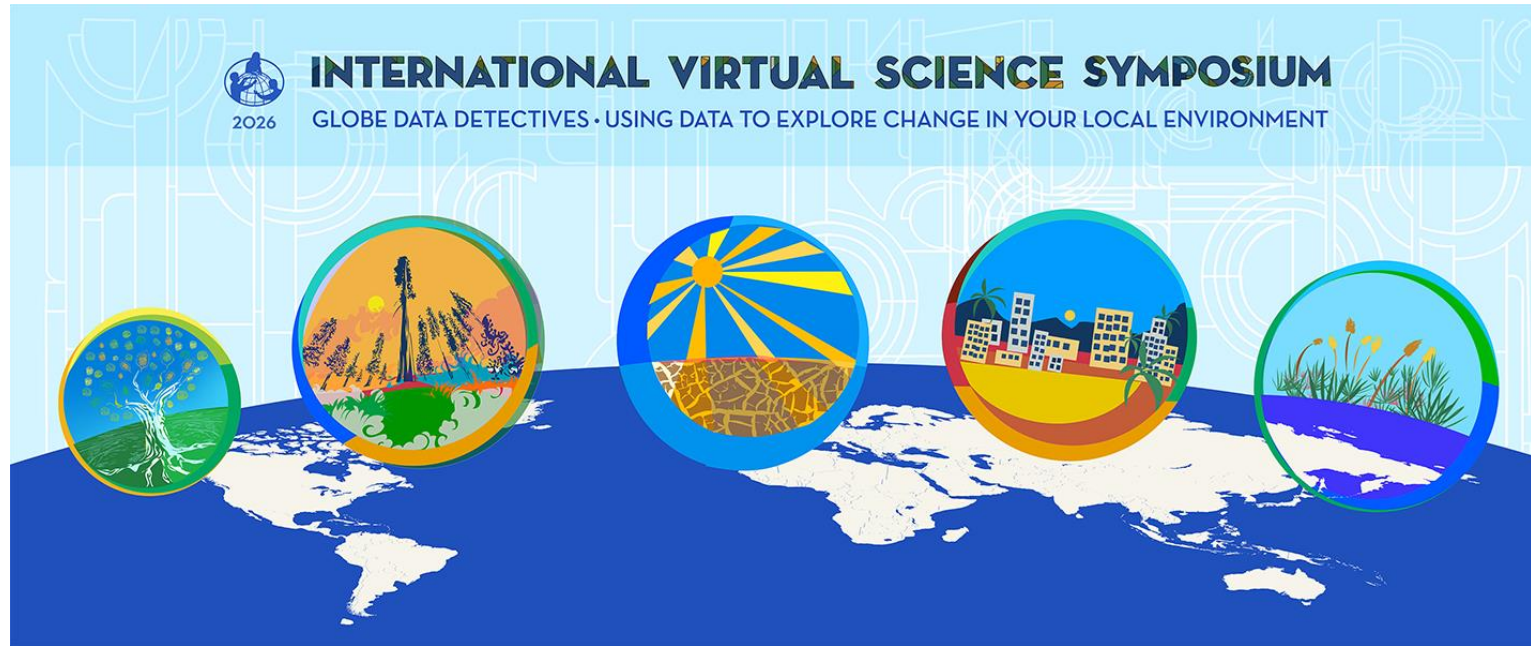


# Acknowledgements

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- Peer Mentors **Malk Alghafri** (Oman), **Laura Pardo** (Colombia), and **Andrei Alayon** (Philippines) - thank you for continuing to share your curiosity and enthusiasm for GLOBE and earth science!
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  - **Angie Rizzi**, My NASA Data, NASA Langley Research Center
  - **Brian Campbell**, GLOBE Observer Trees Science Lead, NASA Wallops Flight Facility
  - **Bri Lind**, Remote Sensing Ecologist, GIO-STEPE
  - **Tracy Ostrom**, GLOBE Mission Earth, University of California Berkeley
  - **Ashlee Autore**, My NASA Data, NASA Langley Research Center
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- **Haley Wicklein** and **Jen Bourgeault**, GLOBE U.S. Coordinating Office, gracious sharers of virtual SRS materials and wisdom
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## 2026 IVSS: Inspiring students to become GLOBE data detectives!



Join us for the 2026 kick-off webinar in August to learn more about the 2026 IVSS timeline and project resources!

Create a visual narrative using storymaps and/or a poster presentation, video, podcast to tell your science story.





# GLOBEPROGRAM<sup>®</sup>

Thank you!

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