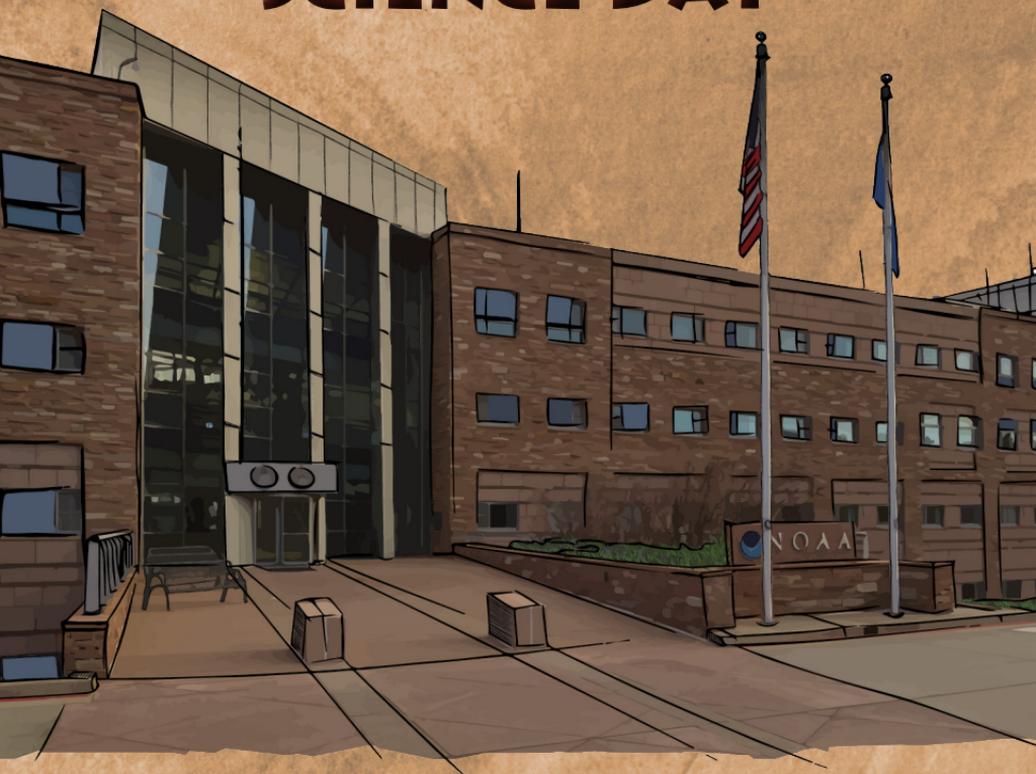


# NOAA TRIBAL COLLEGES AND UNIVERSITIES (TCU) SCIENCE DAY



**SCIENCE**  
NATIONAL OCEANIC AND ATMOSPHERIC ADMINISTRATION  
**SERVICE**  
**STEWARDSHIP**

# WEDNESDAY - SEPTEMBER 20, 2017

## DAVID SKAGGS RESEARCH CENTER

### 325 BROADWAY, BOULDER, CO 80305

7:30 AM TO 8:35 AM Arrival at the Gate and Check In. Coffee and light refreshments (GC402)

8:35 AM to 8:50 AM **Welcome** - Georgia Madrid (Taos Pueblo/Navajo), NOAA Research EEO/  
Diversity Program Office  
Traditional Blessing - John Emhoolah, Kiowa/Arapaho Elder

8:50 AM to 9:05 AM **NOAA's Mission:** Science, Service and Stewardship  
Kevin Kelleher, Director, Earth System Research Laboratory

#### 9:10 AM to 12:15 PM **TOUR AND INTERACTIVE SESSIONS**

- **9:10 - NOAA Tour** (55 min) Stops at Global Monitoring Division for carbon dioxide record, National Weather Service and Science on A Sphere – Julie Singewald, GMD and Hilary Peddicord, GSD
- **10:10 - Extreme Weather Events** (35 min) – Robin Webb, Director, Physical Science Division (1D708)
- **10:50 - FIREX** (45 min) – Impact of biomass burning on climate and air quality – Jim Roberts, Chemical Sciences Division (1A206)
- **11:35 - National Centers for Environmental Information and the National Ocean Service** (35 min), Alisa Young, Doug Kluck and Bill Thomas (GC402)

12:15 PM to 1:30 PM **LUNCH** – Sponsored by the Society of American Indian Government Employees (SAIGE) – Outreach Classroom GB-124

1:30 PM to 3:15 PM **TRIBAL COLLEGES AND UNIVERSITIES: Sharing Native Knowledge with Q&A** (Open DOC campus wide and via webinar) (GC402)

**PANEL 1:** Integrating Culture and Research in Education  
Moderator – Bill Thomas, National Ocean Service

- Dan Wildcat (Yuchi), Haskell - *Indigenous Problem Solving*
- Michael Price (Anishinaabe), Educational Consultant - *Culture and Curriculum*
- James Rattling Leaf, Sr. (Rosebud Sioux), Coordinator BIA Climate Project Great Plains Tribal Water Alliance – *Serving the Needs of Tribal Communities*

1:30 PM to 3:15 PM **TRIBAL COLLEGES AND UNIVERSITIES** (Continued)

**PANEL 2:** Building Sustainability Pathways Research Experiences  
Moderator – Kendra Teague – American Indian College Fund

- Florence LaDucer Garrett, Nueta Hidatsa Sahnish College
- Alana Gross and Anita Cloud, Leech Lake Tribal College
- Hannah Smith, Fond Du Lac Tribal and Community College

3:15 PM to 3:25 PM **Break**

3:25 PM to 3:40 PM **NOAA Office of Education** – Scholarship Opportunities  
Marlene Kaplan, Deputy Director of Higher Education NOAA

3:40 PM to 4:30 PM **NEXT STEPS** – Discussion on possible opportunities for collaboration and engagement. Facilitated by Roger Pulwarty, Chief Scientist  
NOAA/Physical Science Division

4:30 PM **Adjourn** – See you at AISES

**CIRES Tribe's Eye Photographic Exhibit will be displayed in the lobby.**



**Sponsored by NOAA's OAR EEO/Diversity Program Office  
and the National SAIGE organization**



*Society of American Indian  
Government Employees*

**NOAA at AISES CONFERENCE – 9/21 to 9/23, 2017**

**Exhibit Hall: Sept. 22, 2017 - Visit us at NOAA and CIRES Booth #319**

**Workshops:**

Day	Time	Session Track	Session Title	Room Location	NOAA Employee
9/22/2017	9:30 - 10:20 am	College	Make the Most of your Summer Undergraduate Research Experience	111	Susan Sullivan, Debe Dailey-Fisher, Julie Singewald, Jackson Osborn
9/23/2017	9:30 - 10:20 am	College	Exploring Careers in Oceanic and Atmospheric Sciences	109	Catalina Martinez, Bob Rabin, Alisa Young
9/23/2017	10:30 - 11:20 am	College	Climate change: the power of (indigenous) knowledge	103	Georgia Madrid, Roger Pulwarty, Bill Thomas, Dan Wildcat
9/23/2017	10:30 - 11:20 am	Professional Research (Oral)	"A new era in monitoring the earth's atmosphere, land and ocean surface from geostationary satellite with GOES-R: Investigating wind flow above thunderstorms using an optical flow technique"	712	Bob Rabin