



Applied Sciences Week 2020

Join us for Applied Sciences Week – a week-long virtual celebration of many ways that people use NASA Earth science to make our world a better place. Spearheaded by the NASA Earth Applied Sciences Program, Applied Sciences Week highlights experts and end users from within and outside the agency, speaking about everything from space-borne to boots-on-the-ground solutions to our planet's most pressing concerns.

Each day, August 3rd through 6th from 12-2pm EDT, plenary sessions will introduce attendees to different aspects and activities of the Applied Sciences Program. Tuesday through Thursday sessions feature work focused on different regions around the globe.

WEEK AT A GLANCE

Monday Aug 3rd

- Opening Plenary
- Introduction to Applied Sciences Program
- End-User Panel

Tuesday Aug 4th

- Western U.S. & Americas Regional Highlights
- SICA Engagement
- VALUABLES

Wednesday Aug 5th

- Central U.S. & Africa Regional Highlights
- ESD Global Partnerships Program

Thursday Aug 6th

- Eastern U.S. & Asia Regional Highlights
- NASA Contributions to the SDGs

Tuesday-Thursday: Breakout room discussions on different thematic areas follow the plenary session each day.



For the most up-to-date information about Applied Sciences Week, including the registration link and agenda, visit:

<https://appliedsciences.nasa.gov/appsciweek>



Applied Sciences Week 2020

Monday August 3rd Agenda

PLENARY SESSION (12:00 – 2:00pm EDT)

Event Emcee – Sydney Neugebauer

- | | | |
|---------|---|---|
| 12:00pm | <i>Opening Words</i> | Dr. Karen St. Germain |
| 12:05pm | <i>Applied Sciences Introduction</i> | Lawrence Friedl, Dr. Emily Sylak-Glassman |
| 12:15pm | <i>Applied Sciences Thematic Highlights</i> | |
| | <i>Health & Air Quality</i> | John Haynes, Jonathan O'Brien & Selwyn Hudson-Odoi |
| | <i>Eco Forecasting</i> | Woody Turner & Andrea Nicolau |
| | <i>Disasters</i> | Dr. David Green & Erika Munshi |
| | <i>Water Resources</i> | Dr. Sarah Brennan & Indrani Grazyk |
| | <i>Food Security & Agriculture</i> | Dr. Sarah Brennan & Alyssa Whitcraft |
| 1:05pm | <i>End-User Panel</i> | <i>Moderator:</i> Dr. Nancy Searby
<i>Panelists:</i>
Tanner Arrington, South Carolina Department of Natural Resources
Chris Chiesa, Pacific Disaster Center
Lexi Miller, City of Satellite Beach, FL
Mitch Roffer, Fishing Oceanography, Inc.
Rish Vaidyanathan, Centers for Disease Control and Prevention |
| 1:50pm | <i>Closing Words</i> | Lawrence Friedl & Sandra Cauffman |



Applied Sciences Week 2020

Tuesday August 4th

Western US & Americas Regional Highlights

PLENARY SESSION (12:00 – 2:00pm EDT)

Event Emcee – Sydney Neugebauer

12:00pm	<i>Opening Words</i>	Lawrence Friedl
12:05pm	<i>Applied Sciences Overview</i>	Dr. Emily Sylak-Glassman
12:11pm	<i>DEVELOP: Alaska Transportation</i>	Joshua Green
12:17pm	<i>Health & AQ Highlight</i>	Dr. Daniel Tong
12:28pm	<i>DEVELOP: Pacific Northwest Health & AQ</i>	Liana Solis
12:34pm	<i>Water Resources Highlight</i>	Dr. Justin Huntington
12:45pm	<i>Eco Forecasting Highlight</i>	Dr. Bo Zhou
12:56pm	<i>DEVELOP: Fisher's Peak Eco Forecasting</i>	Lauren Lad
1:02pm	<i>Disasters Highlight</i>	Andrew Molthan
1:13pm	<i>DEVELOP: Rocky Mountain Disasters</i>	Eric Jensen
1:19pm	<i>SERVIR Amazonia Overview & Highlights</i>	Andrea Nicolau
1:30pm	<i>NASA-SICA Engagement</i>	Betzy Hernandez & Ricardo Quiroga
1:41pm	<i>NASA VALUABLES</i>	Dr. Bethany Mabee
1:52pm	<i>Closing Remarks</i>	Dr. Jack Kaye & Lawrence Friedl

BREAKOUT ROOMS (2:15 – 3:00pm EDT)

Room 1: [Link](#)

- Water & Agriculture
- DEVELOP Project Alaska Transportation & Infrastructure

Room 2: [Link](#)

- Disasters
- DEVELOP Project Rocky Mountain Disasters

Room 3: [Link](#)

- Eco Forecasting
- DEVELOP Project Fishers Peak Eco Forecasting

Room 4: [Link](#)

- Health & Air Quality
- DEVELOP Project Pacific Northwest Health & AQ



Applied Sciences Week 2020

Wednesday August 5th

Central US & Africa Regional Highlights

PLENARY SESSION (12:00 – 2:00pm EDT)

Event Emcee – Sydney Neugebauer

12:00pm	<i>Opening Words</i>	Lawrence Friedl
12:05pm	<i>Applied Sciences Overview</i>	Dr. Emily Sylak-Glassman
12:11pm	<i>DEVELOP: Huntsville Urban</i>	Greta Paris
12:17pm	<i>Health & AQ Highlight</i>	Dr. Mike Wimberly
12:28pm	<i>DEVELOP: Satellite Beach Energy</i>	Spencer Nelson
12:34pm	<i>Disasters Highlight</i>	Dr. Maggie Glasscoe
12:45pm	<i>Eco Forecasting Highlight</i>	Dr. Danielle Wood
12:56pm	<i>DEVELOP: Mark Twain National Forest Eco</i>	Sarah Hafer
1:02pm	<i>NASA DAAC Perspectives</i>	Kevin Murphy
1:13pm	<i>Water Resources Highlight</i>	Dr. Chris Martinez
1:24pm	<i>DEVELOP: Riley County Water</i>	Elizabeth Nguyen
1:30pm	<i>SERVIR Africa Overview & Highlights</i>	Emily Adams
1:45pm	<i>Global Partnerships Program</i>	Dr. Shanna McClain
1:55pm	<i>Closing Remarks</i>	Lawrence Friedl

BREAKOUT ROOMS (2:15 – 3:00pm EDT)

Room 1: [Link](#)

- Water & Agriculture
- DEVELOP Project Riley County Water Resources

Room 2: [Link](#)

- Disasters
- DEVELOP Project Satellite Beach Energy

Room 3: [Link](#)

- Eco Forecasting
- DEVELOP Project Mark Twain National Forest Eco Forecasting

Room 4: [Link](#)

- Health & Air Quality
- DEVELOP Project Huntsville Urban



Applied Sciences Week 2020

Thursday August 6th

Eastern US & Asia Regional Highlights

PLENARY SESSION (12:00 – 2:00pm EDT)

Event Emcee – Sydney Neugebauer

12:00pm	<i>Opening Words</i>	Lawrence Friedl
12:04pm	<i>Applied Sciences Overview</i>	Dr. Emily Sylak-Glassman
12:08pm	<i>NASA Support to the SDGs</i>	Dr. Argie Kavvada
12:19pm	<i>Health & AQ Highlight</i>	Dr. Tabassum Insaf
12:30pm	<i>DEVELOP: Cambridge Urban</i>	Sophie Barrowman
12:36pm	<i>DEVELOP: Georgia Energy III</i>	Vineeth Jason Putti
12:42pm	<i>Disasters Highlight</i>	Dr. Charles Huyck
12:53pm	<i>DEVELOP: Ellicott City Disasters</i>	Erika Munshi
12:59pm	<i>Eco Forecasting Highlight</i>	Dr. Joaquim Goes
1:10pm	<i>DEVELOP: Cherokee Water</i>	Wilson Goode
1:16pm	<i>DEVELOP: South Carolina Water</i>	Jake Stid
1:22pm	<i>DEVELOP: Bhutan Eco & Water Projects</i>	Palchen Wangchuk & Tashi Kaneko
1:33pm	<i>Water Resources Highlight</i>	Dr. Hyongki Lee
1:44pm	<i>SERVIR Asia Overview & Highlights</i>	Tim Mayer
1:55pm	<i>Closing Remarks</i>	Lawrence Friedl

BREAKOUT ROOMS (2:15 – 3:00pm EDT)

Room 1: [Link](#)

- Water & Agriculture
- DEVELOP Projects: South Carolina Water, Cherokee Water, & Bhutan Water

Room 2: [Link](#)

- Disasters
- DEVELOP Project Georgia Energy III

Room 3: [Link](#)

- Eco Forecasting
- DEVELOP Project Bhutan Eco Forecasting

Room 4: [Link](#)

- Health & Air Quality
- DEVELOP Project Cambridge Urban