



Let's Meet!!

National Conference in Atlanta
March 22-25, 2023

WHERE TO FIND NESTA MEMBERS
Presentations, Exhibitor Hall, Special Events

National Earth Science Teachers Association

President: Natalie Macke
Past President: Tom Ervin
Secretary: Dr. Missy Holzer
Treasurer: Parker Pennington IV

Interim Executive Director: Peg Steffen
Board Members Rep. to Executive Committee:
Kimberley Norris-Jones
Matt Haverty

MEET with NESTA LEADERSHIP



at the
NOAA BOOTH

Learn about our Spring teacher & classroom data exploration project



We champion excellence in **Earth and Space Science Education** for ALL, through a community of support.

nestanet.org

MEMBER BENEFITS

Advocacy ♦ Community ♦ Professional Development

One Earth. Our Future.

National Earth Science Teachers Association

JOIN US & CONNECT!

A SPECIAL INVITATION FOR YOU

nestanet.org/invite

NESTA DATA NETWORK

A new approach to support teachers through a peer network that engages in community scientific investigations & data explorations.

NESTA members help teachers use engaging tools and resources to answer authentic scientific questions with their students.

nestanet.org/NESTADN

The Earth Scientist nestanet.org/TES

A peer-reviewed quarterly journal of the National Earth Science Teachers Association distributed to members.

Share your NOAA Planet Stewards projects and innovative lessons with others!

NESTA'S MONTHLY NEWSLETTER

E-NEWS Member Benefit

WINDOWS TO THE UNIVERSE windowsuniverse.org

EARTH & SPACE SCIENCE RESOURCES & LESSONS

Thursday, March 22nd

Time	Title	Presenters	Room
1:00PM	Know Soil, Know Life: Curricular Connections to this Vital Resource	M. Holzer, et. al.	A301
1:00PM	Using Authentic Data to Explore the Solar System with Vera C. Rubin Observatory (Vera C. Rubin Observatory)	A. Herrold & J. Schaan	B311
1:00PM	Developing Literacy in the Science Classroom: Strategies that Transcend Grade Levels in a speed sharing session. (Mississippi St. University)	Dr. R. Clary	C205
2:20PM	College Science Teaching in the "New Normal": Students' Attitudes and Preferences to Optimize Science Learning in a speed sharing session (Mississippi St. University)	Dr. R. Clary	C205
3:40PM	Phenomena and NASA Data, Perfect Together - Lessons about Earth's Energy Budget (My NASA Data)	N. Macke; A. Rizzi	B304

Support NESTA member & NESTA partner workshops

Friday, March 23rd

Time	Title	Presenters	Room
8:00AM	NOAA Workshop 1: NOAA's SOS Explorer: Adding to your Data Visualization Education Toolbox		B209
8:00AM	Travelling back in time through Earth's history with scientific ocean drilling (American Geosciences Institute)		B303
10:40AM	NOAA Workshop 2: NOAA in Your Classroom: Making Sense of the Deep-Sea Phenomena of Vents		B209
10:40AM	Digital learning that's engaging, immersive AND relevant? Is it possible? DIY Digital Lessons: Create Custom Online Lessons for Your Learners (Infiniscope - Arizona State University)	S. Kirk, et al.	B311
10:40AM	Hands-on Investigations to Highlight Soil Science for a Sustainable World (American Geosciences Institute)		B303
12:00PM	Fire's Out! Considerations on the history and future of energy (The Paleontological Research Institution)	D. Haas	Exhibit Hall
1:20PM	NOAA Workshop 3: Discover Emmy Award Winning NOAA Videos and How to Jump Start Your Classroom Experience With Them		B209
2:40PM	NOAA Workshop 4: Sea to Sky: Get to know NOAA's online educational resources		B209
2:40PM	NASA Earth Data Resources: Where, How and Why! (My NASA Data)	N. Macke; D. Wilson	C201
4:00PM	NOAA Workshop 5: Connecting Students to our Nation's Changing Coasts (partner workshop with NESTA)	NESTA LEADERS	B209
4:00PM	To See a (Scientific) World in a Grain of Sand: Integrating Sand in YOUR Science Classroom (Mississippi St. University)	Dr. R. Clary	C213

FRIENDS OF EARTH SCIENCE RECEPTION

Saturday, March 24th

Time	Title	Presenters	Room
8-10AM	Informal Share-a-thon : Fossil Connections: Paleontology & Earth System Science Resources from PRI, The Paleontological Society, & the Society of Vertebrate Paleontology (The Paleontological Research Institution)	D. Haas	
9:30AM	Are You "Open" to Citizen Science? (State University of New York at Fredonia)	M. Jabot	B403
10:20AM	URBAN HEAT ISLANDS: USING SCALE TO IDENTIFY SOLUTIONS (MY NASA DATA)	M. Holzer & D. Wilson	A401
10:20AM	NOAA Workshop 6: Engage Your Students with Ecosystem Modeling and Virtual Reality		B209
10:40AM	High School Share-a-thon: Explore the Universe with Rubin Observatory! (Vera C. Rubin Observatory)	A. Herrold	B305
12:00PM	Grasses on Earth@Home: A free, online, NSF-funded resource showing why grass matters for biodiversity, geography, and human culture (The Paleontological Research Institution)	D. Haas & E. Hermesen	Exhibit Hall
1:20PM	NOAA Workshop 7: Engage Your Students in One of the Most Dangerous Climate Impacts of Our Time: Sea Level Rise		B209
1:20PM	NOAA Workshop 8: NOAA Planet Stewards Session I: Affecting change through education, collaboration, and action - and receive up to \$5000 to do it!	PLANET STEWARDS	B209
1:20PM	Authentic Earth Science Data Analysis for All (My NASA Data)	A. Rizzi : N. Macke	B312
1:30PM	ADVize: Building STEM Pre-Service Teachers' Data Literacy Skills and Pedagogy with My NASA Data	M. Jabot	A407
2:40PM	NOAA Workshop 9: Creating an Inclusive Environmental Science Curriculum		B209
4:00PM	NOAA Workshop 10: NOAA Planet Stewards Session II: Affecting change through education, collaboration, and action - and receive up to \$5000 to do it!	PLANET STEWARDS	B209
4:00PM	Hands-on Investigations to Highlight Earth Science for a Sustainable World (American Geosciences Institute)		A402