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ALEXANDRIA, Va. - In collaboration with the Mineralogical Society of America (MSA), the International Raw Materials Observatory, and additional partners, the American Geosciences Institute (AGI) invites educators, students, and geoscience enthusiasts of all stripes to participate in the "Earth Materials Frontiers" Webinar Series during Earth Science Week (October 11-17, 2020) and beyond.

This webinar series will cover an array of thought-provoking, timely topics relating to the Earth Science Week 2020 theme of "Earth Materials in Our Lives." Aimed at the general public and education community, the series features:

- **"Advances in the Mineralogy of Mars,"** Dr. Elizabeth Rampe, Johnson Space Center. (Recorded to premiere at 10 a.m. EDT, Monday, October 12, 2020)
- **"The Future of Data-Driven Discovery in Mineralogy and Crystallography,"** Dr. Shaunna Morrison, Carnegie Institution of Science. (Live at 2 p.m. EDT, Monday, October 12, 2020)
- **"Resources Beyond Earth: Enabling Future Exploration and the New Space Economy,"** Dr. Angel Abbud Madrid, Center for Space Resources, Colorado School of Mines. (On Demand with a live Q&A at 12 p.m. EDT, Tuesday, October 13, 2020)
- **"Gemology: Time Capsules Connecting Us Through History,"** Dr. Aaron Palke, Gemological Institute of America. (Recorded to premiere at 3 p.m. EDT, Tuesday, October 13, 2020)
- **"The Need and Solutions for Robots in Responsible Raw Material Exploration and Mining,"** Dr. Norbert Zajzon, University of Miskolc. (On Demand with a live Q&A at 12 p.m. EDT, Wednesday, October 14, 2020)
- **"New Insights Into Wire Silver and Gold Formation,"** Dr. John Rakovan, Miami University. (Recorded to premiere at 3 p.m. EDT, Wednesday, October 14, 2020)
- **"Consumers: The Most Potent Army Against Conflict Minerals,"** Vitor Correia, International Raw Materials Observatory. (On Demand with a live Q&A at 12pm EDT, Friday, October 16, 2020)
- **"May the Quartz Be With You,"** Shannon Mahan, U.S. Geological Survey. With an introduction by Sarah J. Ryker, USGS Associate Director for Energy & Minerals. (On Demand)
- **"The Global Supply of Critical Minerals: Assessing and Tracking Critical Mineral Commodities,"** Nedal Nassar, U.S. Geological Survey. (On Demand)

Selected on-demand webinars will have a live question-and-answer period with presenters. On-demand webinars will be available starting at 12 a.m., October 11, 2020. Webinars will be available in 62 languages with multilingual captioning. Most webinars do not require registration.

For more information, visit <https://www.earthsciweek.org/webinars>.

About AGI

The American Geosciences Institute (AGI) is a nonprofit federation of scientific and professional associations that represents over a quarter-million geoscientists. Founded in 1948, AGI provides information services to geoscientists, serves as a voice of shared interests in the profession, plays a major role in strengthening geoscience education, and strives to increase public awareness of the vital role the geosciences play in society's use of resources, resiliency to natural hazards, and interaction with the environment.

AGI is a not-for-profit 501(c)(3) organization dedicated to serving the geoscience community and addressing the needs of society. AGI headquarters are in Alexandria, Virginia.

The American Geosciences Institute represents and serves the geoscience community by providing collaborative leadership and information to connect Earth, science, and people.

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