

## GSA/NAGT Digital Field Tools for Teaching Webinar Series



**Using Gigapan for Remote Teaching**  
Tuesday, 23 June 2020, 11 a.m. MDT

[Register](#)

### About this Webinar

Gigapixel panoramas are high resolution 2D images that combine 'zoomed out' context with the power of 'zoomed in' details. Applied to teaching geology remotely, they are valuable web-based tools for exploring geoscience concepts with students at scales ranging from the landscape to the outcrop to hand samples, to thin sections, to SEM. GigaPans can be embedded in webpages or desktop-based Google Earth KML tours as elements in virtual field experiences, potentially gaining power when combined with DEMs, 3D models of outcrops or samples, 360° spherical photos, or video. They can also be used as 'virtual samples' in times when student access to samples is limited. This webinar will cover the technical side of producing your own GigaPan images via two hardware/software packages as well as how to deploy extant CC-licensed GigaPans in your own remote teaching and outreach.

### Presenters:

Callan Bentley, Northern Virginia Community College, Annandale Campus  
Jennifer Piatek, Central Connecticut State University

### Promotional Partners:

Association for Women Geoscientists  
American Geophysical Union  
American Geosciences Institute  
American Water Resources Association  
Association of Environmental & Engineering Geologists  
Clay Minerals Society  
Council on Undergraduate Research  
Cushman Foundation for Foraminiferal Research  
Geological Association of Canada  
Geological Society of Australia  
International Association of GeoChemistry  
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IRIS Consortium  
Karst Waters Institute  
Mineralogical Association of Canada  
Mineralogical Society of America  
National Association of State Boards of Geology  
National Earth Science Teachers Association

Scientific Association Geologica Belgica  
Society of Vertebrate Paleontology  
Undergraduate Field Experiences Research Network  
US National Chapter of the International Association of Hydrogeologists  
GSA Continental Scientific Drilling Division  
GSA Environmental and Engineering Geology Division  
GSA Geoarchaeology Division  
GSA Geobiology and Geomicrobiology Division  
GSA Geoinformatics and Data Science Division  
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GSA Structural Geology and Tectonics Division  
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