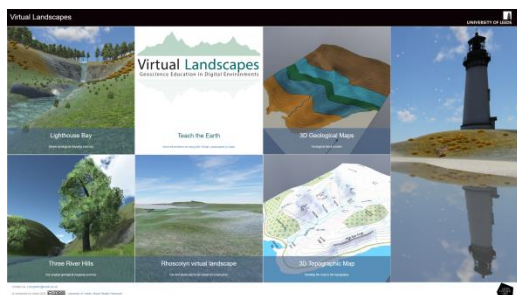


## GSA/NAGT Digital Field Tools for Teaching Webinar Series



### Using Virtual Landscapes for Remote Teaching

Tuesday, 30 June 2020, 11 a.m. MDT

[Register](#)

#### About this Webinar:

The Virtual Landscapes Project (<https://www.see.leeds.ac.uk/virtual-landscapes/>) uses the Unity 3D game engine to create screen based simulations of real and imagined landscapes, and interactive 3D block models of geologic and topographic maps. It aims to enhance the training students receive in geological field and map skills, and to develop 3D visualization skills. This webinar demonstrates how virtual landscapes can be used in the online geoscience classroom to recreate aspects of geologic mapping training and augment understanding of how rock units are represented on geologic maps.

In addition to the regular webinar looking at the uses of the Virtual Landscapes, the presenters will do a **follow up hands-on session** two days later that will give participants a chance to explore the different virtual landscapes and their potential uses for themselves in a mentored (virtual) setting. This is a great opportunity to explore the Virtual Landscapes the way your students would experience them.

#### Presenters:

Jacqueline Houghton, University of Leeds  
Mark Helper, University of Texas at Austin

#### 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  
International Association of Geomorphologists  
International Association for Geoscience Diversity  
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

National Speleological Society  
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  
GSA Geophysics and Geodynamics Division  
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GSA Marine and Coastal Geoscience Division  
GSA Mineralogy, Geochemistry, Petrology and Volcanology Division  
GSA Structural Geology and Tectonics Division  
GSA Quaternary Geology and Geomorphology Division