



Immersive Geoscience Education at the Virtual Proving Ground & Training Center (PGTC)

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Virtual Proving Ground Lab

Objectives

- Create immersive geoscience education in virtual and mixed-reality
- Virtually recreate exhibits via 3D scanning like the PGTC



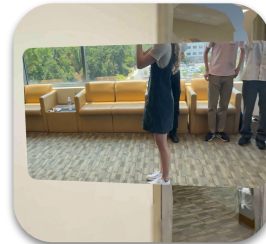
3D-Scanned Virtual Proving Ground Laboratory



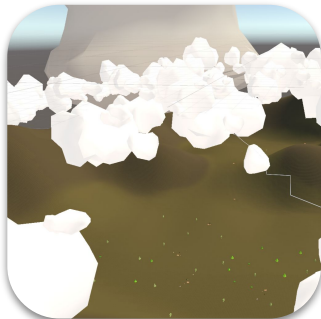
Faraday Cage & Lightning Safety Module



Cloud-Matching Module



Spatial Museum



Lightning Types Module



Water Cycle Module



Results

- Our application is available for download on the Quest store.
- Increased potential to spread awareness about the work at CISESS.