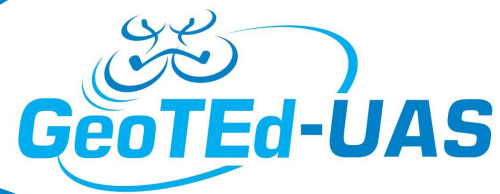# Improving Pathways into The Geospatial and Unmanned Aircraft Systems (UAS) Technician Workforce

GeoTEd-UAS

Mission:

To educate and train the Geospatial Technology and Small UAS Operations Technician (sUAS-OT) workforce.

Partners:

- Virginia Space Grant Consortium
- Germanna Community College
- Virginia Community College System
- Virginia Tech

Key Components:

- Develop courses in geospatial technology and sUAS.
- Integrate GIS and sUAS across many disciplines.
- Train and mentor faculty and educators.
- Conduct student outreach.
- Coordinate student service-learning projects.

Service Learning Partnerships:

The Nature Conservancy

NASA Langley Research Center

NASA Wallops Flight Facility

Virginia Tech

US Forest Service

Partnerships with Business/Industry for Internships and Support

Outcomes and Impacts:

New UMS Prefix and 8 New sUAS-Focused Courses.

Seven New sUAS Pathways.

70 Educators Trained (Two-year Cohort Model).

Faculty and Student Service-Learning Projects.

10 Colleges Offering sUAS Courses.

Nearly 750 Students Completed Courses.

Precollege Outreach Impacting More Than 1,000 Participants.

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VIRGINIA SPACE GRANT CONSORTIUM

Virginia's Community Colleges

VT COLLEGE OF NATURAL RESOURCES AND ENVIRONMENT VIRGINIA TECH.

GERMANNA COMMUNITY COLLEGE

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