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**Michael W. Hernandez, Ph.D.**

NUGeoTec Program Director /  
Professor  
Department of Geosciences  
mhernandez@weber.edu  
801-626-8186

**Eric C. Ewert, Ph.D.**

NUGeoTec Program Associate  
Director / Professor  
Department of Geography  
eewert@weber.edu  
801-626-6197



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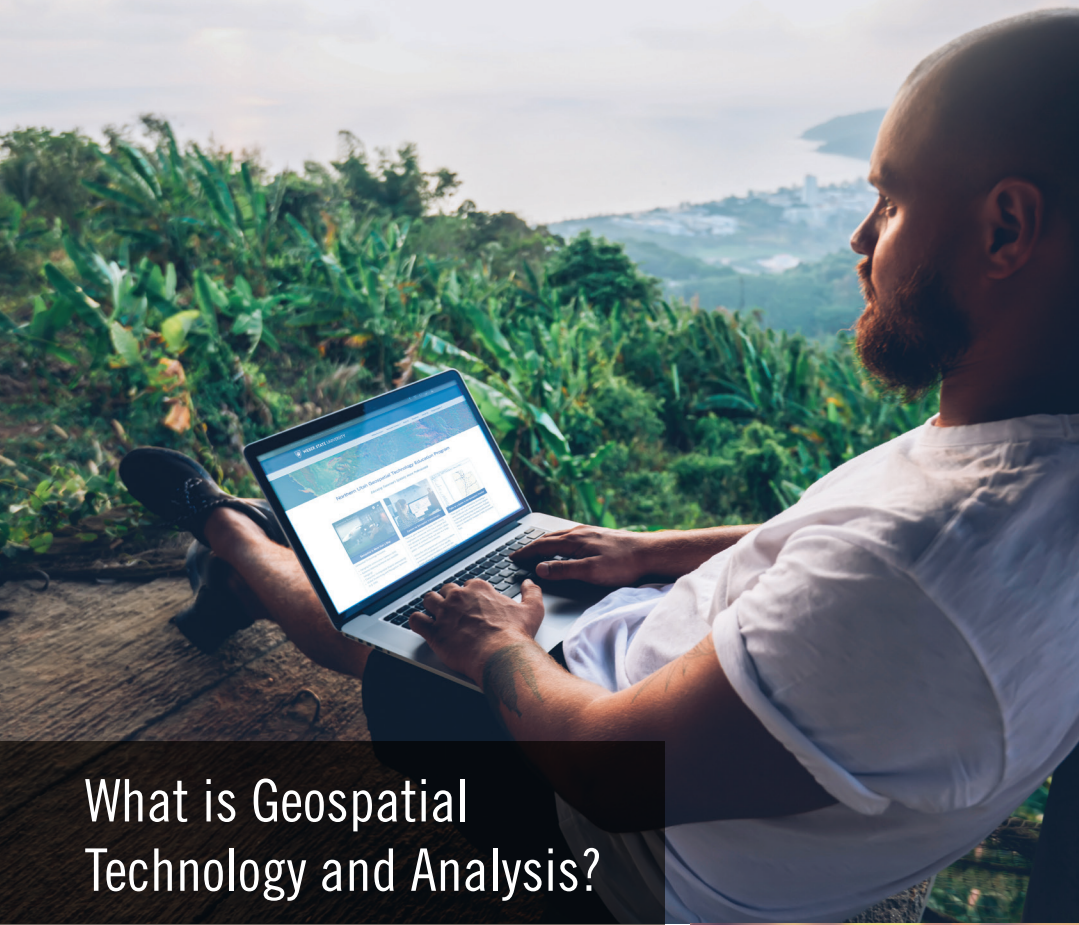
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## What is Geospatial Technology and Analysis?

Geospatial technology is more than geographic mapping. It's a rapidly growing field that includes:

- Geographic Information Systems (GIS), software tools for gathering and analyzing data related to specific positions on the Earth's surface
- Remote Sensing, imagery or data collected from airborne or satellite sensors
- Computer Cartography, digital mapmaking technologies
- GNSS: Global Navigation Satellite Systems (e.g., GPS), a network of satellites that give precise coordinate locations

## Why Choose the NUGeoTec Program at Weber State?

Developed with support from the National Science Foundation, the NUGeoTec program prepares students for successful employment in the geospatial field and provides advanced educational opportunities for those who already have training and experience in geospatial technology.

The program offers small classes led by well-prepared instructors who make use of the latest software, equipment and real-world examples.

In fact, many of the program's instructors are geospatial professionals whose experience in the field allows for networking opportunities that can lead to hands-on training, internships and often, employment after completing the program.



### Pathways to a Professional Career:

- Geospatial Technology (Certificate of Proficiency)
- Geospatial Analysis (Certificate of Proficiency)
- Geospatial Analysis (Minor)

## Employment Opportunities

Geospatial professionals work in many areas of the public and private sectors, including:

- |  |                                  |             |
|--|----------------------------------|-------------|
| Unmanned aerial systems operations (UAS/UAV) | Urban planning                   | Engineering |
| Environmental science & management           | Computer science                 | Surveying   |
| Satellite & aerial imagery                   | Earth Sciences/Geology           | Forestry    |
| Emergency management                         | Medicine                         | Agriculture |
|  | Business intelligence (BI)       | Geography   |
|  | Geospatial intelligence (GEOINT) | And more... |