GIS for Emergency Management
GEOG 473/573
Online – Mondays 7:10-9:50pm

Contact: Dr. Jennifer Whytlaw – jwhytlaw@odu.edu

Learn how emergency managers across business sectors and industries use GIS to inform decisions.
Topics will cover:
❖ Hazard and Risk Analysis
❖ Risk Communication
❖ Geospatial Tools and Applications for Preparedness, Response, Recovery, and Mitigation
SPRING SEMESTER 2021
GEOG 411 - URBAN AND REGIONAL PLANNING

- What are the various aspects of the planning profession in the U.S.?
- What lessons can be learned from historical land use and urban structure?
- What are best practices in urban design for sustainable development?

Questions? Dr. Tom Chapman techapma@edu.edu
CARTOGRAPHY
GEOG 408/508

THURSDAYS (Online) - 4:20-7pm

Contact: Dr. Jennifer Whytlaw
jwhytlaw@odu.edu

- Learn the history of map making.
- Learn how to create unique and fun visualizations in both web and desktop environments.
- Learn how to critique maps based on content and messaging.
- Develop materials for your professional portfolio.
Spring 2021: GEOG 424/524
Weather, Climate, and Society
Online Tuesdays 4:20 – 7PM

- Climate Data Acquisition and Analysis
- Paleoclimate and Climate Change
- Flooding and Sea Level Rise
- Urban Heat Islands in Virginia

Contact Dr. Michael Allen (mallen@odu.edu)
Discover the Digital Earth

• Anatomy of Maps
• Spatial Thinking
• Historic Maps
• GIS and Cartography
• GPS and Location-Based Analysis
• Earth Observing Satellites
• Digital Story Maps

For more info. contact: Dr. Tom Allen, tallen@odu.edu, Dept. of Political Science & Geography
“Little islands are all large prisons; one cannot look at the sea without wishing for the wings of a swallow.”

― Sir Richard Francis Burton

Spatial Analysis of Coastal Environments

GEOG 419-519 *
ONLINE
* Counts toward GIS and SpACE Certificates

- Bathymetric Mapping
- Storm Surge Modeling
- Coastal Erosion and Shoreline
- Wave Models
- Change Analysis
- Coral Reef and Mangrove Mapping
- LiDAR for Coastal Risk Assessment
- Beach-Dune-Barrier Island Change

Contact Dr. Tom Allen, tallen@odu.edu