C E 495: Geospatial Analysis for Engr & Vis Apps

Civil Engineering

Working knowledge, application development. and operation issues related to geographical information system (GIS) tools useing modern remote sensing raster imagery and vector mapping data; geospatial workflow implementation for engineering and visualization applications; geographic and non-geographic data processing to create spatial maps, inventory and attribute database, and data visualization; import and export of engineering graphics data; development of GIS based decision support systems.

3 Credits

Prerequisites

- Senior standing required.

Instruction Type(s)

- Lecture: Lecture for C E 495

Course Fee(s)

Civil Engineering 4

- $150.00

Subject Areas

- Civil Engineering, General
- Transportation and Highway Engineering

Related Areas

- Civil Engineering, Other
- Geotechnical and Geoenvironmental Engineering
- Structural Engineering
- Water Resources Engineering

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