




ENV 4386 – Remote Sensing

CREDITS








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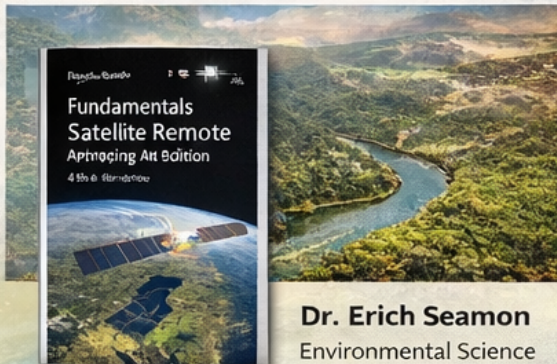
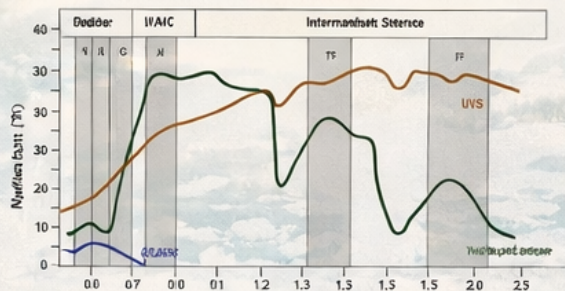
Learn how electromagnetic energy interacts with the Earth's surface and atmosphere to gather and analyze environmental data from a distance.

 Thursdays 2pm-4:45pm |  2pm - 4:45pm |  BSB E414 & D405 for labs


Study satellite and aerial imagery to monitor and analyze land, water, vegetation, climate, and atmospheric features in hands-on lab sessions.

You'll Learn To:

-  Physical principles of electromagnetic radiation
-  Absorption, reflection, & transmission
-  Interpretation of satellite & aerial imagery
-  Sensor platforms & resolution calculations
-  Classify features & detect changes
-  Surface & atmospheric monitoring
-  Integrate spatial data analysis workflows



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**HANDS-ON
LABS**



**REAL-WORLD
ANALYSIS**



**CUTTING-EDGE
TOOLS**



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