



Introduction to GPS

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Course: Geographic Information System
Lecture 7

GPS Applications

- **Disaster Management**
- **Land use planning**
- **Emergency Services**
- **Military Application**
- **Natural Resources**
- **Epidemiology**

GPS Applications

- **Remote Sensing and GIS**
- **Social Science**
- **Surveying and Mapping**
- **Transportation Planning**
- **Urban Planning**
- **Watershed Management**
- **Environmental Problems**

Future of GPS

- **New application aspect**
- **Improved constellation**
 - Next generation GPS satellites
 - GLONASS satellites
 - INMARSAT satellites
 - Econosats

Future of GPS

- **Hardware improvements**
 - Receiver cost
 - Receiver capability
- **Software improvements**
 - Preplanning software
 - post processing software

Thank you