



IS GIS FOR ME?

1. Do you enjoy working with maps and geographic data to solve real-world problems?
2. Do you have a keen eye for detail and enjoy working with large datasets to find patterns or insights?
3. Are you comfortable using software like GIS, CAD, or mapping tools to manipulate and analyze geographic information?
4. Are you interested in working in fields like urban planning, environmental management, or transportation, where GIS plays a vital role?
5. Are you passionate about improving decision-making processes through data visualization and geographic insights?
6. Do you like the idea of a career that involves both fieldwork and desk-based data analysis?

If you answered **yes** to any or all of the above questions, a career in GIS is for you.

Talk to your parents, teachers or guidance counselor to learn more!



ABOUT G-CREWS

The project is jointly financed by the Green Climate Fund (GCF) and the German Federal Ministry for the Environment, Nature Conservation, Nuclear Safety and Consumer Protection (BMUV) under its International Climate Initiative (IKI), and the Government of Grenada.

Over 7 years, the Government of Grenada, the Grenada Development Bank and the National Water and Sewerage Authority (NAWASA) in partnership with the German Development Corporation (GIZ) will implement the project's five components.

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BECOMING Geographic Information System (GIS) Technicians

Are you interested in a hands-on, innovative career in GIS technology?
Discover a field that's both challenging and rewarding, offering excellent job security and competitive salaries.

The G-CREWS project offers this educational brochure to help you begin your journey into the world of GIS technology today!

WHO IS A GIS TECHNICIAN?



A GIS (Geographic Information Systems) Technician is a professional who uses specialized software to create, analyze, and manage spatial data and digital maps.

Their main role involves working with geographic data, which can include anything from mapping out land use, monitoring environmental changes, to tracking transportation networks.

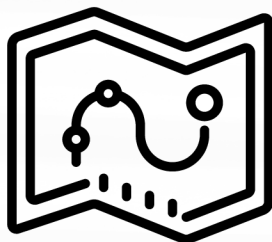
They help transform raw geographic data into useful visual and digital products that can be used for decision-making in various industries like urban planning, environmental management, disaster response, transportation, and more.



WHAT DO GIS TECHS DO?

Key responsibilities of a GIS Technician include:

- Data Collection
- Data Analysis
- Map Creation
- Data Management
- Collaboration
- Provide software expertise
- and more...



INDUSTRIES FOR GIS TECHNICIANS

- Environmental Management
- Urban Planning and Development
- Agriculture
- Disaster Management and Emergency Response
- Transportation and Logistics
- Utilities and Energy
- Public Health
- Real Estate and Property Development
- Tourism and Recreation
- Forestry and Water
- Marine and Ocean Sciences



HOW TO BECOME A GIS TECHNICIAN?

DURING HIGH SCHOOL/COLLEGE

Develop your knowledge in Information Technology, Mathematics and Geography. Knowledge in Science subjects such as Environmental Science, Biology and Physics will be an asset.

DURING UNIVERSITY

A bachelor's degree in Geography, Engineering, Computer Science, Environmental Studies, or, if possible, Environmental Geospatial Technologies, is the main requirement for a career in GIS.

Develop additional but crucial skills in writing and communication, various GIS software programs, and data analysis.



DID YOU KNOW?

GIS technicians are in high demand across many sectors due to the growing importance of spatial data in decision-making.

They have the opportunity to work on diverse projects that directly impact community planning, natural resource management, public health, and disaster response.