

JOB SPOTLIGHT

Remote Sensing Scientist

INDUSTRY GROWTH -
VERY STRONG

SCAN
PROCESS
ASSESS



ponder

Remote Sensing Scientist

Study the world from afar

Remote Sensing Scientists play a role in studying our Earth and beyond. They use specialised technology, such as satellites, drones, and sensors, to gather information about the environment without physically being present at the location. They collect data about things like land use, vegetation, water bodies, and even atmospheric conditions.

If you're interested in science, technology, and exploring the world (from a distance), this might be a great career path to consider.

Industry

Most Remote Sensing Scientists work in the Professional, Scientific and Technical Services industry.

Outlook

There is very strong growth expected over the next five years.

Salary

Most Remote Sensing Scientists earn an above average salary.

Career Cluster

Remote Sensing Scientists are usually Innovators.



About you

Great with technology
Excellent problem solver
Curious and creative
Good attention to detail
Adaptable and flexible
Great communicator
Works well in teams
Analytical and thorough

Common tasks

- Using satellites, drones, and sensors to capture images and data
- Processing and analysing images
- Spotting and classifying features
- Monitoring environmental changes
- Assessing damage and coordinating rescue efforts after natural disasters
- Using data to predict future patterns
- Presenting insights to others

About the role

Remote Sensing Scientists typically spend most of their time working indoors, but their work can also involve some outdoor activities.

Most Remote Sensing Scientists work full-time, and part-time and casual roles aren't very common. They often work for government, research institutions, and private companies and organisations.

Many Remote Sensing Scientists earn an above average salary throughout their career.

Opportunities can be found in both metropolitan and rural areas. However, the types of opportunities and focus areas might differ based on the location and the needs of the community or industry in that region.



Things you can do now

- 1 Find work experience in environment or STEM
- 2 Build your problem solving and maths skills
- 3 Research qualifications and courses
- 4 Talk to someone who works as a Remote Sensing Scientist
- 5 Take classes to learn programming skills or to fly drones

Future study ideas

To become a Remote Sensing Scientist you will need to complete a relevant university degree., such as in geospatial science, geography, or environmental science.



What next?

Take classes or workshops to learn essential programming skills and how to operate drones and other remote technologies. These are vital skills you'll need and can help put you ahead of the pack when finding jobs.

Focus on science and maths subjects in high school. Subjects like physics, geography, and computer science can provide a solid foundation for your future studies.

The application
of GIS is limited
only by the
imagination of
those who use it.

JACK DANGERMOND
BUSINESSMAN & ENVIRONMENTAL
SCIENTIST

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