

JOB SPOTLIGHT

# Climate Scientist

INDUSTRY GROWTH -  
STRONG



GATHER  
ANALYSE  
PROTECT

# Climate Scientist

*Make the world a better place  
for future generations*

Climate scientists play a crucial role in understanding and addressing the changes happening in the environment. They study various aspects of the Earth's climate system, including temperature patterns, atmospheric conditions, ocean currents, and more. By collecting and analysing data from all over the world, they try to understand the causes and effects of climate change.

If you're a great problem solver who wants to help make the world a better place for future generations, becoming a Climate Scientist could be perfect for you.

## Industry

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

## Outlook

There is strong growth expected over the next five years.

## Salary

Most Climate Scientists earn an above average salary.

## Career Cluster

Climate Scientists are usually Innovators.



## About you

Fantastic problem solver  
Adaptable and resilient  
Great attention to detail  
Good teamworker  
Committed to lifelong learning  
Analytical and data-driven  
Great communicator  
Passionate about the environment

## Common tasks

- Gathering a wide range of data
- Analysing climate data
- Developing computer models
- Conducting in-depth research
- Undertaking field studies,
- Compiling findings into reports
- Presenting research at conferences
- Providing advice and insights

## About the role

As a Climate Scientist, you will be working in a variety of environments, from offices and laboratories to out in the field.

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

Many Climate Scientists earn an above average salary throughout their career.

Climate Scientists can work in both metro and rural areas, and may travel to conduct field research. However, larger cities often provide better access to resources, funding, and collaboration opportunities.



## 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 Volunteer on environment or climate projects
- 5 Talk to someone who works as a Climate Scientist

### Future study ideas

To become a Climate Scientist you will need to complete a relevant university degree, such as in data science, climate science, or environmental science.



## What next?

Start learning important STEM concepts and skills, either through subjects at school, work experience, or external classes and workshops. They will be key for not only your future studies, but also for the rest of your career.

Participate in environment-related community or volunteering projects to start building your passion and find future problems to solve.

**ponder**

What you do  
makes a difference,  
and you have to  
decide what kind of  
difference you want  
to make.

DR JANE GOODALL  
PRIMATOLOGIST AND ANTHROPOLOGIST



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