

# A scientist just like me



**Dr Emanuele Bevacqua**  
**Climate scientist**

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**Hi there! I am Dr Emanuele Bevacqua – A climate scientist**



## **Where do I work?**

I work in Germany at a research centre called Helmholtz Centre for Environmental Research. Before moving to Germany, I studied and worked in Italy, France, Austria, and the United Kingdom.

## **What did I like doing when I was at school?**

I was very curious about how nature works, especially the weather because I have always loved snow. My favourite subject was maths.

## **What do I like doing in my spare time?**

I like painting, swimming, and cycling. Bike rides are a great way to connect with nature and relax. I enjoy cooking and playing chess!

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## What do I do as a climate scientist?



I study extreme weather events, which can be damaging both for humans and the environment, such as floods and heat waves. I investigate why and where extreme weather events happen and how climate change is affecting them.

## How does what I do make the world a better place?

Understanding why extreme weather events happen helps us to predict them. If we can predict, we can prepare ourselves for the next event and avoid some of the damage. My work also helps people to understand the importance of reducing pollution to fight climate change.

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## What I like about my job

I love my job because it allows me to help society by combining my passions for nature, weather, and maths. At work, I am excited to face and solve different scientific challenges. I also meet many scientists from all over the world.

## Challenges I have faced

To follow my passion for science, I decided to work with different scientists in many cities in different countries. The positive side is visiting new places and making new friends. The negative side is that moving often can sometimes make it difficult to feel at home. Above are the cities where I lived, ordered with numbers.



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**If you want to be a climate scientist, you need:**

- ✱ **to be curious** about nature and want to learn new things
- ✱ **to be happy about communicating** your discoveries with others, for example writing articles or presenting your discoveries in a room full of scientists like you!
- ✱ **to be excited about travelling** and discussing with scientists with different views from yours
- ✱ **to always be ready to change your beliefs** (your discoveries may reveal that some of your ideas were incorrect!)



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## Discussion time

- ✦ Would you like to be a Climate scientist like Dr Emanuele Bevacqua?

**Why? Why not?**

- ✦ What skills and interests do you already have that would help you become a climate scientist?
- ✦ What new skills and knowledge would you need to develop?



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## Free supporting resources for climate science

[I bet you didn't know...](#) articles use cutting-edge science research as a context for learning. Teacher Guides describing the research and activities and investigations for children can be used as classroom presentations. See:

- It's raining all over the world - Extreme weather events
- Termites can help rainforests survive drought

[Why & How magazine](#) – See 'Climate Science' articles in previous issues (Autumn 2019 – Summer 2022)

[Air pollution Research](#) - resources designed to allow primary children (ages 9-11) to investigate atmospheric pollution using Defra's Data Archive

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