MEET THE AUTHORS AND ILLUSTRATORS

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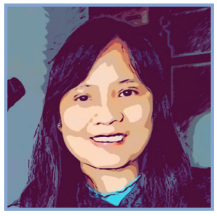
I am a painter and illustrator based in France.
Cover illustration



Deborah Tangunan
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I am a micropaleontologist studying fossil remains of microscopic marine algae called coccolithophores, and an occasional artist.
Climate shifts during the dark ages and medieval warm period (p. 4)

Eleanor John
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I study ancient climate and ocean changes using marine calcite proxies and fossil planktonic foraminifera.
Climate shifts during the dark ages and medieval warm period (p. 4)

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My research focuses on paleoceanography, carbon cycle and speleothem science.
What do cave deposits tell us about past floods? (p. 7)

Marc Luetscher
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My research is focused on hydrology, cave monitoring and reconstruction of past climates based on speleothems.
What do cave deposits tell us about past floods? (p. 7)

Ana Moreno
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My research is focused on abrupt past climate changes reconstructed from terrestrial records such as caves and lake sediments.
What do cave deposits tell us about past floods? (p. 7)

Natasha Sekhon
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I use geochemical signals preserved in speleothems in parallel to monitoring modern cave systems. My research focuses on reconstructing periods of past climate change through the Quaternary.
Tracking hydroclimate extremes from deep in the tropics (p. 13)

Jose Dominick Guballa
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I am a micropaleontologist interested in fossils of microscopic ocean plankton called coccolithophores to determine the age of deep-sea sediments and to understand past ocean conditions.
Climate shifts during the dark ages and medieval warm period (p. 4)

Richard Jason Antonio
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I am a geologist specializing in igneous petrology and geochemistry, and study rocks to understand the geologic evolution and history of an area.
Climate shifts during the dark ages and medieval warm period (p. 4)

Jesse Jose Nogot
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I am a graphic artist and illustrator, always eager to learn new things to create and play with.
Climate shifts during the dark ages and medieval warm period (p. 4)

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I am a geologist and caver focusing on hydrological and environmental cave monitoring.
What do cave deposits tell us about past floods? (p. 7)

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My research is mainly based on the evolution of active geomorphological structures, now focused on salt structures.
What do cave deposits tell us about past floods? (p. 7)

Miguel Bartolomé
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I am a geologist and caver studying cave records to reconstruct past climate changes.
What do cave deposits tell us about past floods? (p. 7)

Gerbrand Koren
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I study forests and the climate using isotopes, satellite data and models.
Changing rainfall patterns over the Amazon rainforest (p. 20)

Marco Palombelli
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I'm a comic artist/biologist using my expertise in both fields to weave stories about animals, people, and the wonderful planet they inhabit.
Future memories of a river (p. 24)

Emily Elliott
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I use natural records from sediments and trees to better understand past storm events (paleotempestites) and the impact these events have on our coasts.
After the storm: How clues from past hurricanes help prepare us for our future (p. 30)

Ray Lombardi
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I am a geomorphologist researching Holocene hydrologic extremes in river environments to understand and better predict future extreme hazards.
Editor, Global warming impacts on floods in high mountain regions (p. 34)

Cirenia Arias Baldrich
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I am a scientist and freelance illustrator in love with science communication. I help others to communicate their work using the power of images.
Changing rainfall patterns over the Amazon rainforest (p. 20), After the storm: How clues from past hurricanes help prepare us for our future (p. 30), Paleotherapy (p. 48)

Katrin Kleemann
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I am an environmental historian studying volcanic eruptions, earthquakes, the climate and the ocean.
Laki eruption (p. 40)

Graciela Gil-Romera
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I'm a time-traveler who investigates how ecosystems coped with change in the past. I try to translate that knowledge to the present so we can have a better future.
Editor, Paleotherapy (p. 48)

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I'm fascinated by wildfire history and human–environment interactions since prehistoric times, across the world, but especially in the Mediterranean.
Editor

Peter Gitau
Max Planck Institute of Geoanthropology in Jena, Germany, and National Museums of Kenya, Nairobi, Kenya
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I am an ecologist who travels back in time to find out how ecosystems respond to human- and climate-driven changes.
Future memories of a river (p. 24)

Josh Bregy
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I use sediments and tree rings to reconstruct prehistoric hurricanes and understand their response to the climate.
After the storm: How clues from past hurricanes help prepare us for our future (p. 30)

Gerardo Benito
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I use sedimentary evidence of extreme floods to reconstruct their magnitude and frequency in the past and their relationship to climate variability and change.
Editor, Global warming impacts on floods in high mountain regions (p. 24), What do cave deposits tell us about past floods? (p. 37)

Juan Antonio Ballesteros-Cánovas
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I study the impact of climate change in the occurrence and magnitude of hydrogeomorphic extreme events in mountain regions using tree-rings records.
Editor, Global warming impacts on floods in high mountain regions (p. 34)

Cooked Illustrations
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Cooked Illustrations is a visual communications studio specialising in using illustration and storytelling to make scientific research more accessible. They are a multicultural network of artists from around the world, supporting researchers in all fields tell their stories for higher cultural impact.
Global warming impacts on floods in high mountain regions (p. 34), Laki eruption (p. 40)

Keely Mills
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I love tiny microscopic plants called diatoms; these tell me lots about how water quality has changed both today and in the past.
Editor

Iván Hernández-Almeida
Past Global Changes, Bern, Switzerland
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I work to understand climate's fingerprint buried in the seafloor. Sometimes science is too complex, so I write stories to help others to understand, remember and imagine.
Editor