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June - July 2026

Your bi-monthly climate connection is here!

Climate change is reshaping the way we live, work, and plan our future, revealing that resilience depends not only on technological solutions but also on understanding who is most vulnerable and why. As heatwaves intensify, looking beyond temperature alone is becoming essential for designing more equitable and effective responses that protect those most at risk. At the same time, India's clean energy transition continues to gather pace, highlighting the importance of ensuring that reliable and affordable energy reaches every community.

Around the world, renewable energy is expanding at an unprecedented rate, even as scientists warn that a strengthening El Niño could intensify extreme weather and test the resilience of communities and ecosystems. At the same time, restoring degraded ecosystems is emerging as one of the most effective natural climate solutions. Together, these stories highlight both the urgency of climate action and the many reasons for optimism, reminding us that meaningful progress is possible when science, nature, and communities work hand in hand.

This is our bi-monthly dispatch of updates and insights on renewable energy, climate change, and sustainability.

Happenings from home



As heatwaves become more frequent and intense, understanding who is most at risk requires looking beyond rising temperatures. CAG highlights how heat vulnerability is shaped by a combination of housing conditions, occupation, income, access to cooling, healthcare, and urban infrastructure, factors that often remain invisible in conventional heat assessments. When these social dimensions are overlooked, the communities facing the greatest risks are also the least likely to benefit from effective planning and adaptation measures. Why does measuring temperature alone fail to capture the full picture of heat risk? And how can better data help cities design more equitable, targeted, and climate-resilient responses to protect those who need it most?

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From the corners of the country



India's rapid expansion of renewable energy has positioned the country among the world's clean energy leaders, but ensuring that this transition reaches every household remains an equally important challenge. While grid connectivity has expanded significantly, many rural communities continue to face unreliable electricity that affects livelihoods, healthcare, education, and economic opportunities. Decentralised renewable energy solutions, such as rooftop solar, solar-powered livelihoods, and community microgrids, can help bridge these gaps by delivering reliable, affordable, and locally managed energy. As India advances its clean energy ambitions, strengthening energy access alongside energy generation will be key to building a transition that is not only low-carbon but also inclusive, equitable, and resilient.

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From around the world



The global transition to clean energy continues to gather pace, with renewable electricity recording its fastest growth to date. According to the International Renewable Energy Agency (IRENA), renewable sources generated nearly one-third of the world's electricity, driven by record investments in solar, wind and other clean energy technologies. Annual renewable capacity additions also reached an unprecedented high, reinforcing the growing role of renewables in strengthening energy security, reducing greenhouse gas emissions and supporting sustainable economic growth. While significant challenges remain in ensuring equitable access and accelerating deployment across all regions, the latest findings highlight that the global shift towards cleaner energy systems is well underway and continues to gain momentum.

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Global warnings

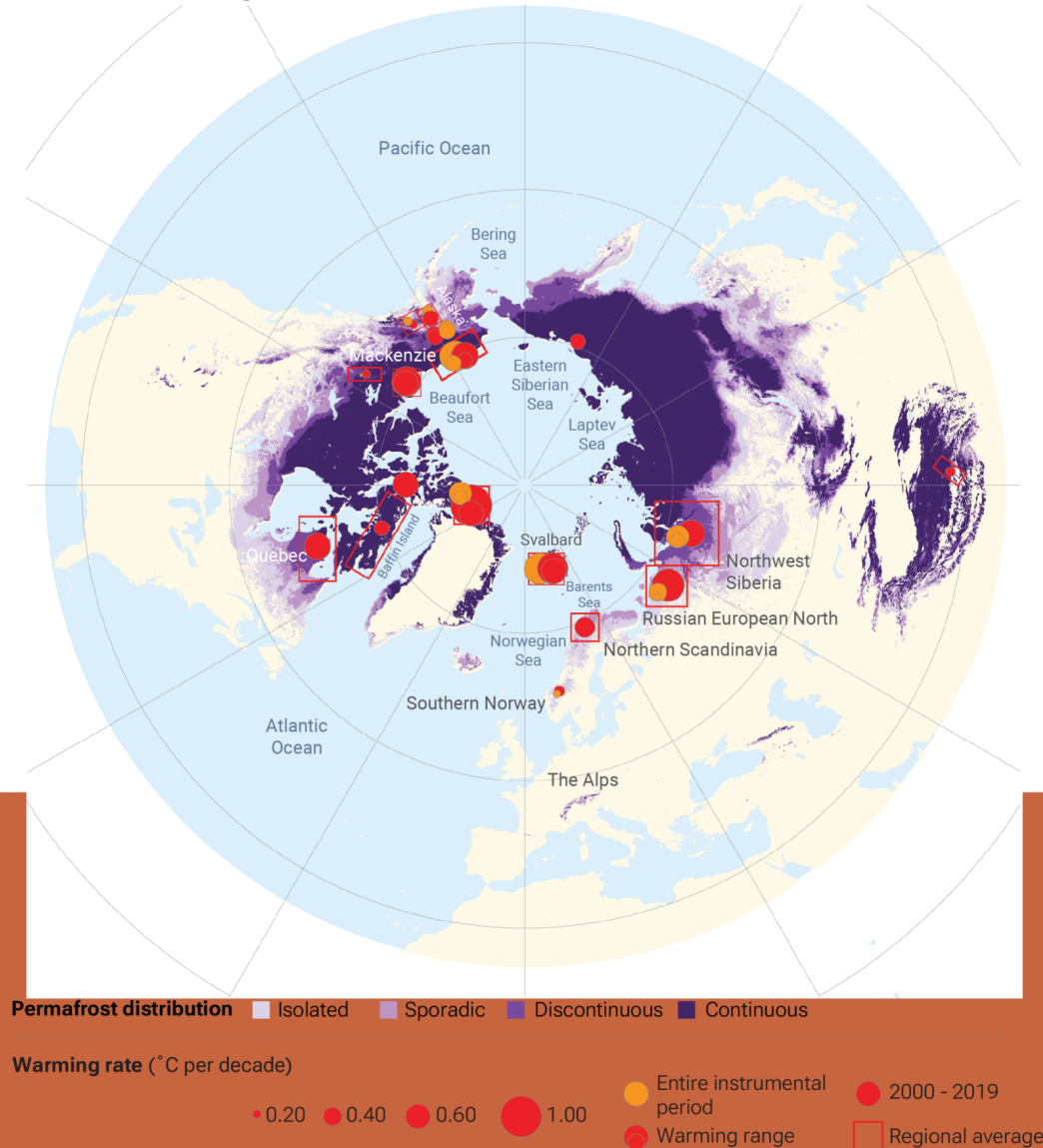


As the world marked Environment Day on June 5th, scientists warned that a rapidly developing El Niño could intensify extreme weather already being amplified by climate change. According to the World Meteorological Organization, the phenomenon is likely to bring heavier rainfall to some regions and prolonged droughts to others, with implications for agriculture, water availability, and food security. Combined with rising global temperatures, these changing weather patterns could increase the frequency and severity of heatwaves and other climate-related extremes. The warning serves as a reminder that strengthening climate resilience and preparedness is becoming increasingly important as natural climate variability unfolds against a backdrop of long-term global warming.

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In a nutshell

Permafrost warming trends



Source: Smith et al. (2022)

Climate change is often spoken about in headlines, statistics, and scientific jargon, but what do the numbers really mean? From rising global temperatures and greenhouse gas emissions to the risks of crossing climate tipping points, a few simple visuals can reveal the bigger picture more effectively than pages of text. Explore how seven powerful graphs bring together some of the most important climate trends shaping our planet and why they matter for our collective future.

[Know more](#)

Nugget!



Did you know that restoring degraded ecosystems could deliver over one-third of the climate mitigation needed by 2030? Healthy forests, wetlands, mangroves and grasslands don't just absorb carbon, they also protect biodiversity, secure water resources and help communities become more resilient to climate change

[Know more](#)

Climate Connection is an initiative of Citizen consumer and civic Action Group (CAG) to assist and inform local communities, grassroots NGOs, environment and consumer groups on how to embrace renewable energy, navigate energy transition, mitigate climate change, and protect the environment they live in. We create change by developing and disseminating information resources on air pollution, climate change, environment and policies surrounding these issues.

Your donation helps us expand this mission and bring reliable climate information to more people who need it most.

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CAG 40
YEARS OF ACTION

Citizen consumer and civic Action Group



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