



Briefing Notice

Impacts of Growing Wildfire-Related Emissions on the Global Carbon Budget, the +1.5 Limit, and the Next NDCs

Tuesday, November 19, 2024 • 7:45 – 9:15 a.m. EST

(4:45 – 6:15 p.m. Baku local time)

Side Event Room 6, COP29 Center, Baku, Azerbaijan

Live webcast will be streamed at

youtube.com/user/climateconference



EESI
Environmental and
Energy Study Institute



**Woodwell
Climate
Research
Center**

The **Environmental and Energy Study Institute (EESI)** and the **Woodwell Climate Research Center** invite you to a U.N. climate summit (COP29) Side Event on how growing emissions from global wildfires and the resulting feedback loops threaten to undermine our ability to keep global warming to 1.5 degrees Celsius. The panelists will present the latest science behind wildfire emissions as well as their impact on the global carbon budget, and discuss the viability of the 1.5°C limit and the preparation of the next nationally determined contributions (NDCs) in light of those impacts.

The panelists will first introduce the latest research on increasing wildfire emissions, which are mostly due to more frequent and intense fires in the Arctic region. Panelists will highlight the latest scientific findings on Arctic wildfires and wildfire-permafrost interactions that are accelerating the release of greenhouse gas emissions. The panelists will show how these wildfire-related emissions affect the carbon budget that remains for limiting global warming to 1.5°C and consider how wildfire mitigation efforts, like those championed by the Arctic Council, may help achieve the Paris Agreement goals. Finally, the panel will discuss the ongoing work to align the global climate effort with the 1.5°C limit, the preparation of the next NDCs due in February 2025, and what the research introduced at this event means for the already diminished remaining carbon budget. The panelists will be invited to discuss what is needed—both in terms of scientific advances, but also policy ambition—to keep the Paris process on track.

Speakers for this session include:

- ▶ **Jennifer Watts**, Arctic Program Director and Associate Scientist, Woodwell Climate Research Center
- ▶ **Edward Alexander**, Co-Chair of Gwich'in Council International; Head of Delegation to Senior Arctic Officials, Conservation of Arctic Flora and Fauna, and Emergency Prevention, Preparedness, and Response working groups
- ▶ **Pam Pearson**, Director, International Cryosphere Climate Initiative
- ▶ **Kaveh Guilanpour**, Vice President for International Strategies, Center for Climate and Energy Solutions

Moderator:

- ▶ **Daniel Bresette**, President, Environmental and Energy Study Institute

This event is free and open to the public.

For more information, contact Daniel O'Brien at dobrien@eesi.org or (202) 662-1880.

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