



THE NATO CLIMATE CHANGE
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MONTREAL
CLIMATE SECURITY
SUMMIT

SOMMET
SUR LA SÉCURITÉ CLIMATIQUE DE
MONTREAL

Dr. SVITLANA KRAKOVSKA

Head of the Laboratory of Applied Climatology
[The Ukrainian Hydrometeorological Institute of the State
Emergency Service and National Academy of Sciences of Ukraine](#)

Dr. Svitlana Krakovska is a Ukrainian climate scientist recognized internationally for linking science with urgent global action. Nature named her among its “10 people who helped shape science in 2022” in a profile titled Voice for Ukraine, highlighting her role as head of Ukraine’s delegation to the IPCC during the onset of Russia’s full-scale invasion. Her speech at that session, cited by Politico and The Washington Post, drew a clear link between fossil fuel dependence, climate change, and war enablers, galvanizing support for energy sanctions. In March 2025, the WCRP Academy named her Scientist of the Month. She is also widely known for her science communication in Ukraine and globally. Dr. Krakovska heads the Laboratory of Applied Climatology at the Ukrainian Hydrometeorological Institute of the State Emergency Service and National Academy of Sciences of Ukraine, and holds a PhD in Geophysics. She began her career with bin cloud models, pioneering their application for Antarctica. With over 30 years of expertise in meteorology, climate modeling, and adaptation, she has served since 2013 as Ukraine’s Vice National Focal Point of the IPCC. In the Sixth Assessment Cycle, she was Review Editor of the 1.5 °C Special Report, Contributing Author of the Summary for





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Policymakers, and Lead Author of several WGI AR6 products. She overwintered at the Ukrainian Antarctic station “Akademik Vernadsky” in 1997/98 and was awarded by the decree of the President of Ukraine the Order of Princess Olga (Third Class) in 2021. Currently, she serves on the UN Taskforce Expert Group on Net Zero and the UNCCD Science-Policy Interface. In April 2025, Dr. Svitlana Krakovska was elected to the US National Academy of Sciences as an International Member – the first and only scientist living and working in Ukraine to hold this distinction.