

PRESS RELEASE

Roxy Mathew Koll is 2022 AGU Devendra Lal Medal Recipient

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Pune — Dr. Roxy Mathew Koll, Scientist at the Indian Institute of Tropical Meteorology, was announced as the recipient of the American Geophysical Union's (AGU) 2022 Devendra Lal Medal. He was selected for his outstanding research in Earth and space sciences. He will also be conferred as a Fellow of the AGU.

AGU, a nonprofit organization that supports 130,000 enthusiasts to experts worldwide in Earth and space sciences, annually recognizes a select number of individuals as part of its Honors and Recognition program.

The medal is named in honor of Professor Devendra Lal, a distinguished geophysicist whose work spanned diverse areas of the Earth and space sciences. Lal medal nominees are evaluated on scientific excellence and impact in their field of research and contribution to its growth, and notable service on a broader level in a developing country.

Koll's research has made breakthrough contributions to the science, monitoring, forecasts, and climate change projections for South Asia and the larger Indo-Pacific region. His research provides insights into the mechanisms and impacts of climate change on monsoon floods and droughts, cyclones, heat waves, and the marine ecosystem.

In addition, Koll served as an author of the climate change assessment reports from the Intergovernmental Panel on Climate Change (IPCC). He is currently chairing the Indian Ocean Region Panel under the United Nations CLIVAR program, a body that coordinates the monitoring and research of the Indian Ocean climate system. Based on his scientific contributions, he was ranked among the top 2% scientists by Stanford University. He has been actively collaborating with citizen science networks, local governments, and media to bring science to society.

Koll joins other scientists, leaders, educators, journalists, and communicators from around the world who have made outstanding achievements and contributions by pushing forward the frontiers of science. Each recipient embodies the AGU community's shared vision of a thriving, sustainable, and equitable future powered by discovery, innovation, and action. These recipients have worked with integrity, respect, and collaboration while creating deep engagement in education, diversity, and outreach.

AGU will formally recognize this year's recipients during [#AGU22 Fall Meeting](#), 12-16 December 2022 in Chicago, IL. This celebration is a chance for AGU's community to recognize the outstanding work of our colleagues and be inspired by their accomplishments and stories.

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AGU (www.agu.org) supports 130,000 enthusiasts to experts worldwide in Earth and space sciences. Through broad and inclusive partnerships, we advance discovery and solution science that accelerate knowledge and create solutions that are ethical, unbiased and respectful of communities and their values. Our programs include serving as a scholarly publisher, convening virtual and in-person events and providing career support. We live our values in everything we do, such as our net zero energy renovated building in Washington, D.C. and our Ethics and Equity Center, which fosters a diverse and inclusive geoscience community to ensure responsible conduct.

The Indian Institute of Tropical Meteorology (IITM) is recognized as a national centre for basic and applied research in Meteorology and Atmospheric Sciences under Ministry of Earth Sciences, Government of India. The institute is having state-of-the-art world-class infrastructure and facilities. IITM is working dedicatedly on these subjects with emphasis on Tropical Meteorology and Monsoon studies.

To know more about Dr Roxy, please visit [Profile of Dr. Roxy at IITM website](#) or write to roxy@tropmet.res.in
