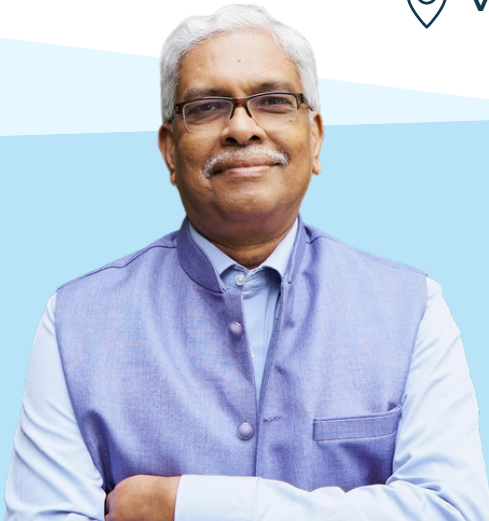


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Dr. Madhavan Nair Rajeevan

Vice Chancellor, Atria University
Former Secretary, MoES,
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 **4th Nov, 2024**  **11:00 AM**

About the Speaker

Dr. Rajeevan, Vice Chancellor of Atria University, previously served 23 years at the India Meteorological Department (IMD) and as Secretary in the Ministry of Earth Sciences. With 38+ years in monsoon and climate research, he has 170+ publications, an h-index of 60, and over 17,000 citations. A Fellow of India's three science academies and an Academician of the International Academy of Astronautics, he currently serves on the World Meteorological Organization's (WMO) Research Board. He is also a recipient of the Sir Gilbert Walker Gold Medal from the Indian Meteorological Society for lifetime achievements.

About the Talk

Human activity is raising greenhouse gas concentrations, leading to global warming of around 1.10°C since pre-industrial times. This warming has severely impacted various climate systems, including the Indian monsoon, with projections indicating an increase in extreme rainfall and dry spells. Climate change is expected to affect freshwater, food security, and energy, while adaptation and mitigation efforts will shape the global development agenda. There is a close link between climate change and sustainable development, with poor and developing countries among the hardest hit and least able to cope. This talk will explore the science of climate change, its impact on the Indian monsoon, and the importance of Sustainable Development Goals (SDGs).