Venkatramani Balaji

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Also known as

V. Balaji

Websites & Social Links

Homepage (https://www.gfdl.noaa.gov/v-balaji-homepage/)

Country

United States

Biography

Dr. V. Balaji is affiliated with Princeton University's Cooperative Institute on Climate Sciences.

He has headed the Modeling Systems Group at NOAA's Geophysical Fluid Dynamics Laboratory since 2003, and is Associate Faculty at the Princeton Institute for Computational Science and Engineering (PICSciE). With a background in physics and climate science, he has also become an expert in the area of parallel computing and scientific infrastructure.

He is co-chair of the WGCM Infrastructure Panel (WIP), tasked with developing the scientific requirements for the global data infrastructure underlying the Climate Model Intercomparison Project (CMIP), a pillar of the IPCC Assessment Reports of the state of the Earth's climate.

He was an author on the 2012 National Academies Report A National Strategy for Advancing Climate Modeling and the 2016 National Academies Report, From Maps to Models: Augmenting the Nation's Geospatial Intelligence Capabilities.

He serves on the Scientific Advisory Board of the Max-Planck Institute for Meteorology in Hamburg, the Scientific Advisory Panel for the National Center for Atmospheric Research (NCAR), as well as for DOE's Accelerated Climate Modeling for Energy (ACME) Project, and chairs the Advisory Panel for NCAR's Computing and Information Systems Lab (CISL).

In 2017, he was among the first recipients of the French government's 'Make Our Planet Great Again' awards.

He is a sought-after speaker and lecturer and is committed to provide training in the use of climate models in developing nations, leading workshops for advanced students and researchers in South Africa and India.

Employment (1)

Princeton University: Princeton, NJ, US

2003 to present | Head, Modeling Systems Group (Cooper
ative Institue of Climate Science)

Employment

Source: Venkatramani Balaji

Education and qualifications (2)

Ohio State University: Columbus, OH, US

| PhD (Physics)

Education

Source: Venkatramani Balaji

**Indian Institute of Technology Kanpur: Kanpur, Uttar
Pradesh, IN**

| MSc (Physics)

Education

Source: Venkatramani Balaji

Peer review (1)

• review activity for **Nature geoscience. (1)**

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