

# Yale SCHOOL OF PUBLIC HEALTH

## *Environmental Health Sciences*

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### VIRTUAL SEMINAR

## *AI for Earth: Computing a More Sustainable Future*



**Lucas Joppa, PhD**

Chief Environmental Officer

Microsoft Ecological Society of America

National Oceanic & Atmospheric Administration (NOAA)

Dr. Joppa leads sustainability at Microsoft, as the company's first Chief Environmental Officer. In this role, he works to advance Microsoft's core commitment to sustainability through ongoing technology innovation, program development, policy advancement, and global operational excellence. With a combined background in both environmental science and data science, Dr. Joppa is committed to using the power of advanced technology to help transform how society monitors, models, and ultimately manages Earth's natural resources. He founded Microsoft's Artificial Intelligence (AI) for Earth program in 2017—a five-year, \$50 million cross-company effort dedicated to delivering technology-enabled solutions to global environmental challenges.

With a PhD in Ecology from Duke University and extensive publication in leading academic journals, Dr. Joppa is a uniquely accredited voice for sustainability in the tech industry. In addition to formerly serving on the Federal Advisory Committee for the Sustained U.S. National Climate Assessment, Dr. Joppa is an Associate Editor for the Ecological Society of America's *EcoSphere* journal and serves on the boards of leading scientific organizations, such as NatureServe and the National Socio-Environmental Synthesis Center (SESYNC). Prior to his current role, Dr. Joppa was Microsoft's Chief Environmental Scientist and led research programs at the intersection of environmental and computer sciences in Microsoft Research. He remains an active scientist and one of Microsoft's foremost AI thought leaders.

12:00 – 1:00 p.m. EST. Wednesday, November 4, 2020

<https://yale.zoom.us/j/94870105131?pwd=MlFvTDIwdXJzby9FWHh4NnpKSmpTdDz09>

Meeting ID: 948 7010 5131; Password: 60521

Or Telephone : 203-432-9666 (2-ZOOM if on-campus) or 646 568 7788

International numbers available: <https://yale.zoom.us/j/94870105131?pwd=MlFvTDIwdXJzby9FWHh4NnpKSmpTdDz09>

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