



Getting to Zero: can America transition to a net-zero emissions energy system?

Thursday, February 27th
4-5PM

Environmental and Natural Resource
Building, Room 223

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ABSTRACT: To avoid the worst impacts of climate change, global emissions of CO₂ must fall to zero by roughly mid-century and go net negative soon thereafter. Rich, developed nations like the United States have the means, and arguably the obligation, to lead the pace of transition. What will it take for the United States to build a net-zero emissions energy system? Why is a 100% carbon-free electricity system pivotal to this challenge? What role do technologies like wind, solar, batteries, nuclear, and carbon capture play in this future? Prof. Jenkins will summarize the decarbonization challenge in the American context, drawing on recent publications and preliminary findings of Princeton's Net-Zero America Project, which is mapping pathways for the United States to reach net-zero greenhouse gas emissions by 2050.



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