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Robert Socolow is professor emeritus, Department of Mechanical and Aerospace Engineering, Princeton University. Rob earned his Ph.D. from Harvard University in theoretical high-energy physics in 1964 and joined the Princeton University faculty in 1971 with the assignment of inventing interdisciplinary environmental research. His first project, on energy use in residential buildings, resulted in *Saving Energy in the Home: Princeton's Experiments at Twin Rivers* (Ballinger, 1978). Rob works mostly on climate change mitigation; he is particularly well known for his paper with Stephen Pacala: "Stabilization Wedges: Solving the Climate Problem for the Next 50 Years with Current Technologies" (*Science*, 2004). His interests include technological "leapfrogging" by developing countries, carbon dioxide capture during fossil fuel use, and the dangers of climate-change "solutions"— notably nuclear weapons proliferation and misuse of the land.

Rob is a member of the American Academy of Arts and Sciences, an associate of the National Research Council of the National Academies, a fellow of the American Physical Society, and a fellow of the American Association for the Advancement of Science. He was the editor of *Annual Review of Energy and the Environment*, 1992-2002.