

iFAST: The International Forum on Advanced Environmental Sciences and Technology

A series of distinguished seminars by eminent scientists

7 p.m. CST; 8 p.m. EST; 1 a.m. GMT (March 4); 9 a.m. Beijing (March 4)

Wednesday, March 3, 2021



Gretchen C. Daily
Stanford University

<https://profiles.stanford.edu/gretchen-daily>

Gretchen Daily is Bing Professor of Environmental Science and co-founder and faculty director of the Natural Capital Project at Stanford University. Her work focuses on understanding the dynamics of change in the biosphere, their implications for human well-being and the deep societal transformations needed to secure people and nature. She engages extensively with governments, multilateral development banks, businesses, communities and NGOs. Daily co-founded the Natural Capital Project (www.naturalcapitalproject.org), a global partnership that is integrating the values of nature into policy, finance and management globally. Its tools and approaches are now used in 185 nations through the free and open-source Natural Capital Data & Software Platform. Daily has published several hundred scientific and popular articles, and a dozen books, including *Green Growth that Works: Natural Capital Policy and Finance Mechanisms from Around the World* (2019). Daily is a fellow of the U.S. National Academy of Sciences and has received numerous international honors for her work.

Valuing Nature in Decisions: From Demonstration to Transformation

An awakening is underway, to the values of nature and the risks and devastating costs of its loss. Gretchen Daily will describe new science to quantify nature's benefits to people and integrate them into decision-making – in planning, policy, finance and practice. Daily will relate the arc of advances in science, in understanding nature's contributions to a range of benefits from crop pollination and coastal climate resilience to mental health in cities. And she'll discuss the innovation in actionable tools, engagement and demonstrations, and a strategy for scaling models of success across sectors, countries and global institutions. She will focus especially on China and Latin America, which stand out today for innovation at scale, illuminating pathways toward green, inclusive development.



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Register for the Zoom conference at www.ou.edu/ieg/seminars

Organizing Committee Chair: Jizhong Zhou (University of Oklahoma, USA; <https://www.ou.edu/ieg>)
Xueduan Liu (Central South University, China)