

**Sally Merrick Benson**  
CURRICULUM VITAE

Dr. Sally M. Benson, a world-recognized expert on low-carbon energy systems, is currently on-leave from Stanford University, leading the Energy Division at the White House Office of Science and Technology Policy (OSTP). As OSTP's Chief Strategist for the Energy Transition, she is responsible for developing a whole-of-government innovation strategy for achieving net-zero greenhouse gas emissions by 2050. At Stanford, she is the Precourt Family Professor in the Energy Resources Engineering Department in the School of Earth, Energy and Environmental Sciences. From 2014-2020 she served as the Co-Director of the Stanford's Precourt Institute for Energy, and served concurrently (2009-2019) as the Director of the Global Climate and Energy Project – a \$225 M research program focused on developing game-changing solutions for reducing greenhouse gas emissions while providing energy to meet the world's growing population. Prior to joining Stanford University, she worked in positions of increasing responsibility at Lawrence Berkeley National Laboratory, including Earth Sciences Division Director, Associate Laboratory Director for Energy Sciences, and finally, as the Deputy Director for Operations. A widely recognized leader in the science of carbon capture and storage, carbon removal, and energy systems analysis, her research is focused on low-carbon energy solutions for both developed and emerging economies. She has served as a coordinating lead author for the Intergovernmental Panel on Climate Change (IPCC), the Global Energy Assessment, and on several studies by National Academy of Sciences, Engineering, and Medicine. She has received the IEA Greenhouse Gas Control Program's Greenman Award (2012), an honorary degree from Smith College (2015), the SPE International Award for Health, Safety, and the Environment (2019), as well as several lectureships in Canada, Australia, and the U.S. She has also served on the Board of Directors of the National Renewable Energy Laboratory, as well as, on the scientific advisory boards for many of the Department of Energy National Laboratories, Breakthrough Energy Ventures, and international efforts in Japan, Australia, Norway, Canada, and Pakistan.

**Education:** B.A. (1977), Geology, Barnard College, Columbia University; M.S. (1984) and Ph.D. (1988), Material Science and Mineral Engineering, University of California, Berkeley

**Academic and Research Positions**

2021 –	Chief Strategist for the Energy Transition and Deputy Director for Energy, White House Office of Science and Technology Policy
2020 –	Precourt Family Professor, Department of Energy Resources Engineering, Stanford University
2013 – 2020	Professor, Department of Energy Resource Engineering, Stanford University
2013 – 2020	Co-Director, Precourt Institute for Energy, Stanford University
2009 – 2019	Director, Global Climate and Energy Project, Stanford University
2007 – 2013	Professor (Research), Department of Energy Resource Engineering, Stanford University
1977 – 2007	Positions of growing responsibility at Lawrence Berkeley National Laboratory: Staff Scientist, Earth Sciences Division Director, Associate Laboratory Director for Energy Sciences, and Laboratory Deputy Director for Operations

**Publications**

Dr. Benson has published widely on CO<sub>2</sub> storage in deep underground formations and energy systems analysis (Citations: 15,000 + and H Index:62).