

Dr. Jennifer Wilcox

Jennifer Wilcox, the Principal Deputy Assistant Secretary in the Office of Fossil Energy at the U.S. Department of Energy, was the Presidential Distinguished Professor of Chemical Engineering and Energy Policy at the University of Pennsylvania. As a senior fellow at the World Resources Institute, she led WRI's Carbon Removal Program.

Having grown up in rural Maine, Wilcox has a profound respect and appreciation of nature. That appreciation permeates her work; she focuses on minimizing the negative impacts of humankind on our natural environment. Wilcox holds a Ph.D. in Chemical Engineering and an M.A. in Chemistry from the University of Arizona and B.A. in Mathematics from Wellesley College.

Wilcox's research takes aim at the nexus of energy and the environment, developing both mitigation and adaptation strategies to minimize negative climate impacts associated with society's dependence on fossil fuels. She has served on committees of the National Academy of Sciences and the American Physical Society to assess carbon capture methods and impacts on climate. She is the author of the first textbook on carbon capture, *Carbon Capture*, published in March 2012. She co-edited the *CDR Primer* on carbon dioxide removal in 2021.