

Dan Loughlin is a scientist within the U.S. Environmental Protection Agency's Office of Research and Development. His specialty is Environmental Systems Analysis – the application of computing, modeling, economics, and operations research to address environmental challenges. In his research at EPA, he is using computer models for purposes such as: projecting energy-related air pollutant emissions and water demands decades into the future, assessing the environmental implications of new and emerging energy technologies, estimating the environmental co-benefits of low-carbon energy pathways, and identifying strategies for cost-effectively meeting energy and environmental goals. Dan graduated from Duke in 1993 with a Bachelor's of Civil and Environmental Engineering. He subsequently earned Master's and Doctoral degrees in Civil Engineering from N.C. State University, worked as a researcher at MCNC and UNC-Chapel Hill, then joined the U.S. EPA in 2003.