

Dr.Carl Shapiro has been an economist at the United States Geological Survey (USGS) for over 35 years. He is currently Senior Economist, Energy and Minerals, and Environmental Health, and Director of the Science and Decisions Center (SDC), an interdisciplinary organization advancing the use of science in natural resource decision-making. In this capacity, Carl leads SDC's interdisciplinary efforts to increase the

use and value of scientific information through research and application in five science areas: (1) ecosystem services; (2) decision science; (3) resilience and sustainability; (4) participatory science and innovation; and (5) natural resource economics. Previously, Carl was the Principal Economist in the USGS Office of the Director and Senior Advisor to the Director, where he initiated, led, and participated in interdisciplinary studies addressing science, practice, and management issues. He received his PhD in Economics from the Center for the Study of Public Choice at George Mason University.