



**Cover image:** Pictured is a patchwork of regions representing the landscape of science communication. Each region is characterized by unique features, dimensions, and hues, with bridges of communication in complex combinations of messages between individuals, groups, and institutions. Communication between scientists and the public is key to conveying accurate information that may influence individual decision-making. Scientists can improve communication by understanding effective communication strategies as well as the needs and perceptions of their audience. See the Introduction to the Science of Science Communication II Sackler Colloquium by Fischhoff et al. on pages 13583–13584. Image courtesy of Heather Larkin (artist).

Supplement to the *Proceedings of the National Academy of Sciences of the United States of America*, which includes articles from the Arthur M. Sackler Colloquium of the National Academy of Sciences *The Science of Science Communication II*. The complete program and video files of most presentations are available on the NAS website at [www.nasonline.org/science-communication-II](http://www.nasonline.org/science-communication-II).

## Contents

### INTRODUCTION

- 13583 **The Science of Science Communication II**  
Baruch Fischhoff and Dietram A. Scheufele

### COLLOQUIUM PAPERS

- 13585 **Science communication as political communication**  
Dietram A. Scheufele
- 13593 **Gaining trust as well as respect in communicating to motivated audiences about science topics**  
Susan T. Fiske and Cydney Dupree
- 13598 **Leveraging scientific credibility about Arctic sea ice trends in a polarized political environment**  
Kathleen Hall Jamieson and Bruce W. Hardy

- 13606 **Creating a national citizen engagement process for energy policy**  
Nick Pidgeon, Christina Demski, Catherine Butler, Karen Parkhill, and Alexa Spence
- 13614 **Using narratives and storytelling to communicate science with nonexpert audiences**  
Michael F. Dahlstrom
- 13621 **The cultural side of science communication**  
Douglas L. Medin and Megan Bang
- 13627 **Prescriptive scientific narratives for communicating usable science**  
Julie S. Downs
- 13634 **Communicating science-based recommendations with memorable and actionable guidelines**  
Rebecca K. Ratner and Jason Riis
- 13642 **The science of sharing and the sharing of science**  
Katherine L. Milkman and Jonah Berger
- 13650 **Integrating social networks and human social motives to achieve social influence at scale**  
Noshir S. Contractor and Leslie A. DeChurch
- 13658 **Team science for science communication**  
Gabrielle Wong-Parodi and Benjamin H. Strauss
- 13664 **Communicating scientific uncertainty**  
Baruch Fischhoff and Alex L. Davis