

This publication, *Twenty Questions and Answers About the Ozone Layer*, is a component of the 2002 report of the Montreal Protocol Scientific Assessment Panel, *Scientific Assessment of Ozone Depletion: 2002*. The answers are based on the information presented in the 2002 and earlier Assessment reports. A draft of this component was reviewed and discussed by the 74 scientists who attended the Panel Review Meeting for the 2002 Assessment report in June 2002. In addition, subsequent contributions, reviews, or comments were made by the individuals listed below.

Lead Author

David W. Fahey
NOAA Aeronomy Laboratory, US

Reviewers/Contributors

Ayité-Lô Nohende Ajavon
Université de Lomé, Togo

Daniel L. Albritton
NOAA Aeronomy Laboratory, US

Stephen O. Andersen
Environmental Protection Agency, US

Pieter J. Aucamp
Ptersa Environmental Consultants, South Africa

Germar Bernhard
Biospherical Instruments, Inc., US

Martyn P. Chipperfield
University of Leeds, UK

John S. Daniel
NOAA Aeronomy Laboratory, US

Susana B. Diaz
Centro Austral de Investigaciones Cientificas (CADIC), Argentina

Ellsworth S. Dutton
NOAA Climate Monitoring and Diagnostics Laboratory, US

Christine A. Ennis
NOAA Aeronomy Laboratory/CIRES, US

Paul J. Fraser
CSIRO Division of Atmospheric Research, Australia

Ru-Shan Gao
NOAA Aeronomy Laboratory, US

Rolando R. Garcia
National Center for Atmospheric Research, US

Marvin A. Geller
State University of New York, Stony Brook, US

Sophie Godin-Beekmann
Service d'Aeronomie du CNRS, France

Michael Graber
United Nations Environment Programme, Kenya

James B. Kerr
Meteorological Service of Canada, Canada

Malcolm K.W. Ko
Atmospheric and Environmental Research, Inc., US

Michael J. Kurylo
NASA Headquarters, US

Gloria L. Manney
NASA Jet Propulsion Laboratory/New Mexico Highlands University, US

Konrad Mauersberger
Max-Planck-Institut für Kernphysik, Germany

Mack McFarland
E.I. DuPont de Nemours & Company, US

Gérard Mégie
Centre National de la Recherche Scientifique, France

Stephen A. Montzka
NOAA Climate Monitoring and Diagnostics Laboratory, US

Rolf Müller
Forschungszentrum Jülich GmbH, Germany

Eric R. Nash
Science Systems and Applications, Inc., US

Paul A. Newman
NASA Goddard Space Flight Center, US

Samuel J. Oltmans
NOAA Climate Monitoring and Diagnostics Laboratory, US

Michael Oppenheimer
Princeton University, US

Lamont R. Poole
NASA Langley Research Center, US

Gilles Poulet
CNRS-Université d'Orléans, France

Michael H. Proffitt
World Meteorological Organization, Switzerland

William J. Randel
National Center for Atmospheric Research, US

A.R. Ravishankara
NOAA Aeronomy Laboratory, US

Claire E. Reeves
University of East Anglia, UK

Ross J. Salawitch
California Institute of Technology/NASA Jet Propulsion Laboratory, US

Michelle L. Santee
NASA Jet Propulsion Laboratory, US

Gunther Seckmeyer
Universität Hannover, Germany

Dian J. Seidel
NOAA Air Resources Laboratory, US

Keith P. Shine
University of Reading, UK

Christine C. Sweet
Science and Technology Corporation, US

Adrian F. Tuck
NOAA Aeronomy Laboratory, US

Guus J.M. Velders
National Institute of Public Health and the Environment, The Netherlands

Robert T. Watson
World Bank, US

Rodolphe J. Zander
Université de Liège

Publication Layout and Design

Debra Dailey-Fisher
NOAA Aeronomy Laboratory, US

Graphic Art

Dennis Dickerson
Concepts 3, US

Editing

Christine C. Sweet
Science and Technology Corporation, US

Christine A. Ennis
NOAA Aeronomy Laboratory/CIRES, US

Cover: Schematic representation of the ozone layer and its role in shielding the Earth surface from the Sun's ultraviolet radiation. Graphic art from Figure Q3-1 by Dennis Dickerson (Concepts 3); design layout by Debra Dailey-Fisher (NOAA Aeronomy Laboratory).