morning sessions | 10 a.m.–12:45 p.m. (MST)

10–10:15 a.m. welcome
Hava Tirosh-Samuelson, Director of Jewish Studies
Arizona State University

10:15–11:15 a.m. The Dr. Michael Anbar Memorial Keynote Lecture in Judaism, Science and Medicine
chair and respondent: Evan Berry, PhD | Arizona State University
keynote address
The Environmental Crisis: What Do We Have to Teach? What Do We Have to Learn?
Roger S. Gottlieb, PhD | Worcester Polytechnic Institute

11:30 a.m.–12:45 p.m. Planetary Habitability: Earth and Beyond
chair: Forrest Clingerman, PhD | Ohio Northern University
Climate as a Complex System: What We Need to Know
Ariel Anbar, PhD | Arizona State University
Alone in the Universe: Why We and Our Planet Earth Are Exceptional
Howard A. Smith, PhD | Harvard-Smithsonian Center for Astrophysics
Climate Science and Public Policy: The Challenge of Science as an Ongoing Process
Peter Rez, DPhil | Arizona State University

afternoon sessions | 1–5:30 p.m. (MST)

1–2:15 p.m. Climate Change and Environmental Health
chair: David Eisenman, MD | University of California Los Angeles
Climate Change and the Future of Our Cities
Bernice Reya Rosenzweig, PhD | Sarah Lawrence College
One Health Movement: Human Health, Animal Health and Environment Health
Michael Kosoy, PhD | KB One Health LLC
Earth, Climate, and Public Health: Judaism and the Sacred
Rabbi Nancy Epstein | Dornsife School of Public Health, Drexel University

2:30–3:45 p.m. Environmental Theology and Ethics
chair: Joel Gereboff, PhD | Arizona State University
A Biblical Eco-Theology
Rabbi Ellen Bernstein | Founder, Shomrei Adamah
Voices from Tradition: Modern Jewish Spirituality and Theological Responses to Climate Change
Rabbi Ariel Mayse, PhD | Stanford University
The Environment in Halakhic Decision Making: Self Interest and Compassion
Tanhum Yoreh, PhD | University of Toronto, School of the Environment

4–5:15 p.m. Environmental Activism: Judaism, Ecology, and Social Change
chair: Hava Tirosh-Samuelson, PhD | Arizona State University
panelists
Rabbi Fred Scherlinder Dobb | Adat Shalom Reconstructionist Congregation, Bethesda, Maryland
Mirele Goldsmith, PhD | Co-chairperson, Jewish Earth Alliance
Rabbi Jennie Rosenn | Dayenu: A Jewish Call to Climate Action
Rabbi Ruhi Sophia Rubenstein | Temple Beth Israel of Eugene, Oregon
Rabbi Shmuly Yanklowitz, PhD | Valley Beit Midrash, Phoenix, Arizona

5:15–5:30 p.m. closing discussion
The Judaism, Science and Medicine Group (JSMG), is an international organization of natural and social scientists, philosophers, historians, physicians, rabbis, theologians and educators acting to promote and facilitate a close relationship between Jewish religion, cultures and values and the sciences for mutual benefit. The organization seeks to increase the knowledge and appreciation of the sciences, Judaism and their interrelation and to offer a forum to reflect and deliberate on the implications of scientific advances from Jewish perspectives. Working across denominational lines, the organization will disseminate its mission in academic and non-academic venues using a variety of media.

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