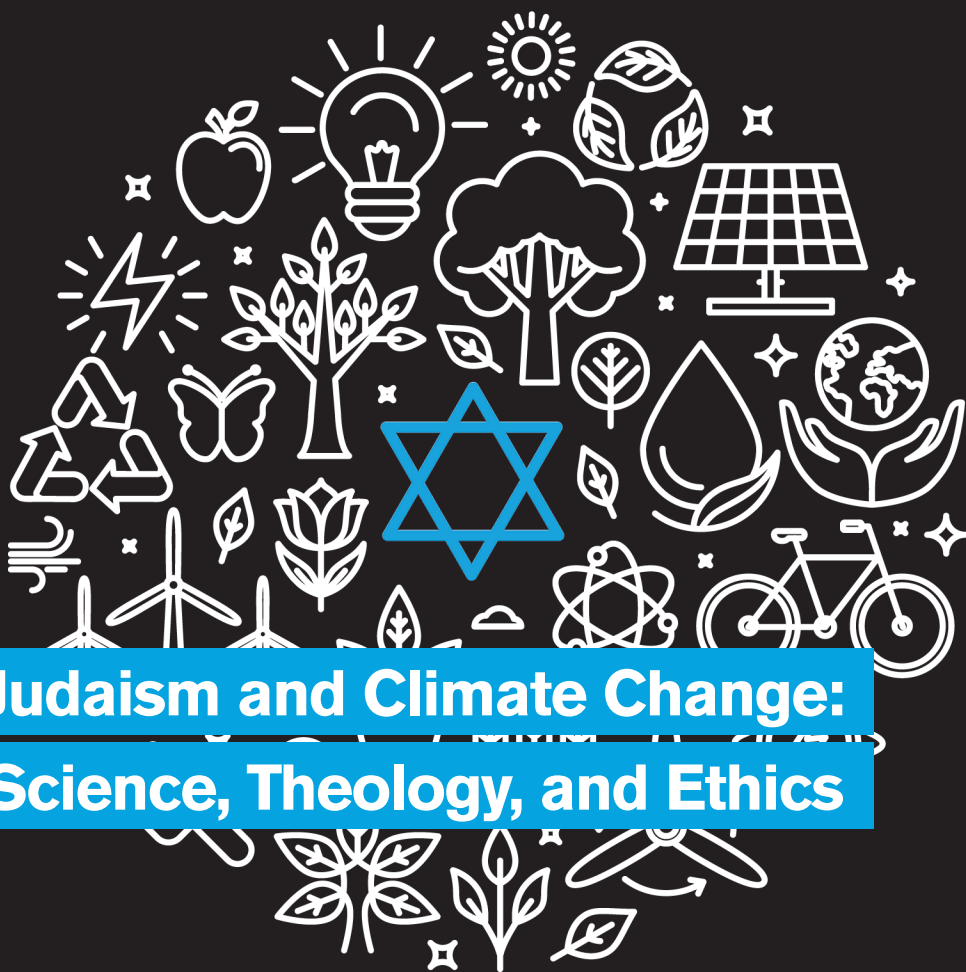


February 28, 2021



# Judaism and Climate Change: Science, Theology, and Ethics

**Judaism, Science and Medicine Group  
Annual Conference**

online via Zoom | [jewishstudies.asu.edu/science](https://jewishstudies.asu.edu/science)

10 a.m.–5:30 p.m. (MST)

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

- 10–10:15 a.m. **welcome**  
Hava Tirosh-Samuelsan, 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-Samuelsan, 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.

### sponsors

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- Harold and Jean Grossman Chair in Jewish Studies  
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- Valley Beit Midrash



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