

Calendar of Events

May 20, 2026

Using Generative AI as a Personal Research Assistant

ISEE

11:00 AM - 12:00 PM EST

This webinar will explore how generative AI is transforming research across environmental epidemiology and beyond. Panelists will share their experiences, perspectives, and best practices for using AI throughout the research workflow, from manuscript preparation (including writing, coding, and data visualization) to efficient literature review and synthesis, and supporting the interpretation of statistical results and scientific reasoning.

Panelists:

Dr. David Resnik, National Institute of Environmental Health Sciences (USA)

Ms. Lauren Wilner, University of Washington (USA)

Ms. Magda Stefanopoulou, Utrecht University (The Netherlands)

Moderator:

Dr. Zhendong Yuan, Heidelberg University and Utrecht University (The Netherlands)

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Questions? Email snrn@iseepi.org*

May 27, 2026

AI in Environmental Epidemiology: From Fundamentals to Research Workflows

ISEE

11:00 AM - 12:00 PM EST

This session provides a comprehensive look at the evolving landscape of AI in research, beginning with a foundational overview of current technology. We will then cover a mix of practical productivity—using AI agents to automate everyday tasks—and an updated (from last year's webinars) technical workflow for environmental epidemiology. Attendees will learn how these tools can unify the entire research process, from literature review to manuscript drafting. Presented by Jonah Lipsitt, PhD, MSc

May 27, 2026

Online Course: AI for health outcome phenotyping

ISEE

09:00 AM - 10:00 AM EST

The Committee on Capacity Building and Education (CAPE) is excited to announce its newest initiative: a high-impact online course dedicated to Artificial Intelligence and Machine Learning in the environmental health sector.

True to its mission of capacity building, CAPE has designed this series to move beyond theory. This course is built to equip researchers, practitioners, and students with the technical "literacy" required to harness AI for public health improvement and more accurate environmental modeling. As the environmental health landscape becomes increasingly data-driven, the CAPE committee remains committed to education that keeps our community at the cutting edge.

Session 1 lays the groundwork, ensuring every participant understands the "how" behind the algorithms.

Session 2 dives into the "what," focusing on the tangible health outcomes we can now predict with higher precision.

Session 3 addresses the "should," tackling the vital ethical frameworks that ensure AI is used responsibly and equitably.

June 1, 2026
- June 4, 2026

ISEE-NAC Conference 2026

Johns Hopkins University

Bowman Dr

Baltimore, MD 21218

All Day

The goal of this conference is to bring together environmental health and epidemiologic scholars, practitioners, and government personnel located in North America to network with potential new collaborators. The 2026 meeting will also allow students and trainees to interact with prospective mentors and supervisors and present their work in a public forum.

June 9, 2026

Virtual Science Communication Working Hours

ISEE

12:00 PM - 01:00 PM EST

Join the ISEE Science Communications Committee for our inaugural virtual sci comm "working hours" on June 9 at 9am PT/12pm ET/6pm CET. We are aiming to cultivate a community to support science communication efforts across the society, so stay tuned in the coming months! For this first session, we will have some time for meet/greet; sharing inspirational science communication pieces; and quiet coworking on works-in-progress.

The ESPINA and SEMILLA Cohorts: Tracking Environmental Impacts on Maternal, Child, and ISEE

12:00 PM - 01:30 PM EST

This webinar is organized by the Pesticides and Health Special Interest Group, featuring speakers:

JOSE RICARDO SUAREZ

18 Years of the ESPINA Study: Tracking the Health Effects of Agricultural Pesticides in Ecuador from Childhood through Adulthood

For nearly two decades, the ESPINA study has investigated the longitudinal health impacts of agricultural pesticide exposure from childhood into young adulthood within a major floricultural region of Ecuador. This presentation will provide a brief overview of the study's 18-year trajectory, discuss key research findings detailing the physiological and developmental effects of pesticide exposure, as well as provide updates on our ongoing ancillary studies within the cohort. The session will also showcase how we are modernizing our epidemiological approach through the incorporation of new mobile and remote sensing technologies to better capture environmental and human data. Finally, we will outline the new directions of the research, exploring how these technological innovations are shaping the next phase of the ESPINA study.

ALEXIS HANDAL

Prenatal Exposures and Maternal-Child Health in Ecuador's Floricultural Sector: A discussion of the SEMILLA Cohort

Women of reproductive age are a key part of the industrial agriculture workforce, yet occupational hazards in these settings remain understudied. In Latin America, women's labor force participation has steadily increased since 1990, with about one-quarter employed in agriculture, including export-oriented agro-industries. The Ecuadorian floricultural industry offers a critical case for examining the occupational, environmental, and social impacts of large-scale export agriculture on surrounding communities and on the health of women workers, particularly during pregnancy, and their families. Built on research conducted since 2003, SEMILLA follows pregnant workers and nonworkers and their infants in a flower-growing region to assess how chemical exposures, alongside social and structural factors, impact maternal and child health, integrating biomonitoring, exposure assessment, and repeated measures of infant growth and neurodevelopment. Study design and methods, key initial findings, and ongoing analyses linking prenatal exposures to early developmental outcomes will be described.

June 10, 2026

Online Course: AI ethics and Data sharing

ISEE

09:00 PM - 10:00 PM EST

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August 17, 2026
- August 21, 2026

Advanced Methods for Climate and Health Attribution Summer School
Imperial College London
South Kensington Campus London SW7 2AZ, UK
London, SW7 2AZ
On Campus (South Kensington)
cpd@imperial.ac.uk

*PhD and researcher summer school at Imperial College London, 17-21 August 2026.
Hosted by the Grantham Institute – Climate Change and the Environment*

Develop analytical skills in Bayesian inference and climate attribution for environmental health applications this summer, with leading Imperial and Columbia experts.

Three day and five day module options. Early bird booking available until 29 May.

August 30, 2026
- September 2, 2026

ISEE 2026
Science Congress Center Munich
Walther-Von-Dyck Str. 10
Garching bei MÄ¼nchen,
All Day

Under the theme "Understanding and Responding to Global and Local Challenges: Environmental Epidemiology in a Changing World", we'll come together to exchange ideas, share discoveries, and reflect on our evolving role as environmental epidemiologists in today's world.