The Institute for a Sustainable Earth (ISE) is an international scientific conference. It is an annual event that brings together researchers, policymakers, and practitioners to discuss the latest advancements in sustainability and environmental science. The 8th World Sustainability Forum (WSF2020) is a significant component of this conference, focusing on the latest developments and challenges in sustainability.

The WSF2020 aims to improve the way communities monitor, model, understand, and benefit from the environment. It does this by creating and deploying AI tools that can improve these processes. The forum is particularly interested in research that creates new knowledge at the intersection of the natural, built, and social sciences. It seeks to drive innovation and foster a collaborative spirit.

ISE Faculty Profiles:

- **Anna Pollack**, College of Health and Human Services
- **Edward Maibach**, College Humanities and Social Sciences
- **Greg Koblentz**, Centre for Environmental Health Sciences, US National Institute of Environmental Health Sciences
- **Bethany Letiecq**, Assistant Professor and Biostatistician, Department of Global and Community Health, College of Education and Human Development, Mason
- **Jhumka Gupta**, Associate Professor, Department of Global and Community Health, College of Education and Human Development, Mason
- **Colleen Vesely**, Associate Professor of Global Health and Epidemiology, Department of Global and Community Health, College of Education and Human Development, Mason
- **Tom Lovejoy**, Founder Ecological Futures Group. Previous Director of Environment and Community Health, College of Education and Human Development, Mason
- **Ginger Potter**, Associate Professor of Government and Politics and Director of the Future Earth Collaborative's Research Committee. Mason International Collaborative (MIC) is an 18-month program preparing researchers to work together as effective agents of change by providing significant community impact within 12 months (following a four-month planning phase) — in addition to producing lasting impact beyond the period of the project.

ISE Webinar Series – Sustainability from within a Nuclear Physics.

- **Title**: Navigating the New Arctic
- **Panelists**: Tom Lovejoy, Bethany Letiecq, Ginger Potter
- **Date**: Thursday, May 28, 2:00 – 3:00 pm
- **Location**: Virtual
- **WebEx Event Link**: [Register Here](#)

- **Title**: The disruptions caused by the COVID-19 pandemic reveal both fragilities and resiliencies in women's and girls' education.
- **WebEx Event Link**: [Register Here](#)

Limited Submission Funding Opportunities

- **Program**: Innovative Multidisciplinary Collaborations in Tissue (IMPLANT) Study
- **Funding source**: National Science Foundation, U.S. Department of Education, National Institutes of Health
- **PI**: Anna Pollack, College of Health and Human Services
- **Co-PI**: Edward Maibach, College Humanities and Social Sciences
- **Amount**: $100,000
- **Project title**: Investigating Mixtures of Pollutants and Endometriosis in Childhood Education, College of Education and Human Development, Mason
- **WebEx Event Link**: [Register Here](#)

Additional Funding Opportunities

- **Program**: NNA-CO
- **Funding source**: National Science Foundation
- **PI**: Robert Wood Johnson Foundation
- **Co-PI**: National Geographic Society and Microsoft's AI for Earth Program
- **Amount**: Up to $1,000,000 for up to 12 months
- **Project**: Under the Arctic: Investigating the dimensions of the current health and economic crises through the lenses of…
- **WebEx Event Link**: [Register Here](#)

ISE is accepting applications for the NNA-CO. The program aims to connect members of the Mason community and the rest of the world. Mason faculty are invited to attend a lightning talk session hosted by the Mason International Collaborative (MIC).

The Institute for a Sustainable Earth (ISE) is a research and action competition in the Smart and Resilient Communities of Practice. It aims to provide a tool for you to find others with complementing expertise and for the rapid development and implementation of appropriate communication networks and support for investigators.

**Additional information**

- **Sign up** for the ISE webinar series to learn more about the latest sustainability advancements and challenges.
- **Register** for the NNA-CO to contribute to the development and implementation of appropriate communication networks and support for investigators.
- **Visit Mason's website** for more information on the ISE program and how you can get involved.

If you would like to add opportunities to the database, please contact [ISE Webinar Series – Sustainability from within a Nuclear Physics](#). The database is updated as new opportunities become available. If you would like to add opportunities to the database please contact [ISE Webinar Series – Sustainability from within a Nuclear Physics](#).