The ISE Newsletter provides up-to-date information on conferences, funding opportunities, and developments in implementation science to strengthen institutional capacity to enhance sustainable practices.

The Institute for a Sustainable Earth (ISE) supports this mission by integrating research over levels of biological organization or across multiple spatial and temporal scales. Research on environmental biogeochemical reactivity of pollutants in the environment is crucial for understanding how human activities affect ecosystems and human health. Studies investigating the impact of water quality on human and ecological health are essential for improving public health and environmental protection.

Environmental Engineering Program

The National Oceanic & Atmospheric Administration (NOAA) Marine Debris Program (MDP) is responsible for investigating and preventing the adverse impacts of marine debris on the nation's marine environment, and coastal economy. Funding for this program is available for projects that investigate marine debris prevention. The program was initiated after the 1950s, and its mission is to reduce marine debris and its adverse impacts. The program is funded by the NOAA Marine Debris Program, with a funding source totaling $100,000,000 for new awards each year pending availability of funds.

Funding Source: NOAA/Department of Commerce

Amount: $300,000

Funding Source: University of Colorado Boulder

Amount: $8,000

Funding Source: National Science Foundation

Amount: $8,500,000

Funding Source: National Science Foundation

Deadline: February 12, 2020

Amount: $100,000,000 for new awards each year pending availability of funds

Awards: 120 awards each year

Deadline: Proposals accepted anytime

Funding Source: National Science Foundation

Submission: grants.gov

Funding Source: Virginia Department of Education and US Department of Education

Amount: $60,000

Deadline: Proposals accepted anytime

Funding Source: US Department of Justice

Amount: $95,337

Funding Source: Silicon Valley Community Foundation

Amount: $1,500,000

Funding Source: University of Colorado Boulder

Deadline: Proposals accepted anytime

Funding Source: NOAA/Department of Commerce

Contact:

Maria Fernanda Enriquez, Lead Urban Specialist at the World Bank and an active Mason Data Lab advisory board member. She will speak about her role in advancing urban sustainability and her experience in advocating for policies that promote sustainable development.

The first lecture will be delivered by

George Mason University is organizing a lecture series on urban topics to create an active community of connected experts. These talks aim to facilitate knowledge exchange and stimulate discussions on urban sustainability, social justice, and human rights.

Inclusive Practice in Early Childhood (2019-2020)

The project aims to:

(i) reduce greenhouse gas emissions; (ii) develop indicators, indices, and benchmarks for measuring progress towards Sustainable Development Goals (SDGs).

Sustainable Development

The meeting highlighted ongoing initiatives on environmental sustainability, hunger, and health. Participants discussed strategies, indices, and benchmarks for measuring progress towards the SDGs. The meeting was organized by the Institute for a Sustainable Earth at George Mason University and attended by a diverse group of researchers, policymakers, and stakeholders. The event provided an opportunity to share knowledge and best practices and to develop collaborative efforts to advance sustainable development.