The ISE Newsletter provides up-to-date information on conferences, funding opportunities, and research pertaining to environmental science and sustainability. The biweekly newsletter aims to engage researchers and all stakeholders relevant to sustainability to maximize positive impact on the environment.

The 8th World Sustainability Forum (WSF2020) is an international event that aims to bring together researchers, practitioners, and policymakers to discuss the latest developments and challenges in sustainability. The forum will cover a wide range of topics, including climate change, renewable energy, sustainable agriculture, and urban sustainability.

Integral to achieving these goals is a fundamental understanding of the transport and evolution of ecosystems and populations. The Environmental Engineering Program at our university offers a comprehensive curriculum that prepares students for careers in environmental engineering and sustainability.

Proposals should be submitted to the core clusters (Ecosystem Sciences, Evolutionary and Ecological Processes, Population and Community Ecology, and Systematics and Biodiversity Sciences). The program seeks to support research that applies scientific and engineering principles to address environmental challenges.

The Financial Assistance Program is an initiative to support aquaculture research projects that aim to address industry constraints. The program is designed to fund projects that generate environmentally and economically sustainable aquaculture practices.

The Office of Science, Department of Energy, is offering funding for research on the integration of advanced, novel technologies into bioremediation processes. The program seeks to enhance our understanding and effectiveness of bioremediation through innovative approaches.

The National Institute of Allergy and Infectious Diseases (NIAID) is funding research efforts to develop predictive models for the spread of coronaviruses and related pathogens. The program is aimed at understanding the mechanisms of virus transmission, as well as projects developing medical countermeasures and suitable animal models.

In light of the emergence and spread of the coronavirus disease 2019 (COVID-19), the Centers for Disease Control and Prevention (CDC) is offering funding for research on the surveillance of COVID-19 and its impact on public health. The program seeks to support research efforts that aim to inform and educate about the science of virus transmission and develop interventions to mitigate its spread.

The Virginia Environmental Justice Summit is a virtual event aimed at addressing the environmental justice challenges posed by the global coronavirus pandemic. The summit will bring together activists, policymakers, and community leaders to discuss strategies for addressing environmental disparities.

Political polarization is being blamed for many areas of dysfunction in the U.S. government, and this is particularly true in the area of public health. The Policy vs. Pandemics: Polarization and Public Health event is a virtual conference that aims to explore the complex relationship between political polarization and public health interventions.

The George Mason University (George Mason) Rural Opioid Use Disorder (OUD) Pharmacogenomics Research Project Outreach and Gamification Initiative is a program designed to improve access to opioid use disorder treatment. The program aims to engage rural communities in multidisciplinary conversations around issues of OUD and opioid use disorder.

As the COVID-19 pandemic continues to unfold, we would like to support your efforts to pursue research that can help address the challenges posed by the pandemic. Please contact us if you have any questions or need additional support.

Working remotely, we are still here to support you and your research endeavors. Don't hesitate to contact us.

Director

Funding source: Office of Science, Department of Energy
Funding amount: $100,000,000 for new awards each year pending availability of funds
Submission: grants.gov
Deadline: September 30, 2020

Funding source: National Science Foundation
Funding amount: $1,200,000
Submission: grants.gov
Deadline: September 30, 2020

Funding source: Centers for Disease Control and Prevention
Funding amount: Differs - check with specific Center of interest
Submission: grants.gov
Deadline: September 30, 2020

Contact: [Contact Information]

The Earth Day Network is accepting proposals to conduct research that can help advance the goals of Earth Day 2020. The network is taking several approaches to support research that can help address the challenges posed by the global coronavirus pandemic.

The Virginia Environmental Justice Summit will take place entirely online and will feature keynote speeches, panel discussions, and interactive workshops. The event is free to attend and will provide a platform for activists, policymakers, and community leaders to discuss strategies for addressing environmental disparities.

The Policy vs. Pandemics: Polarization and Public Health event is a virtual conference that aims to explore the complex relationship between political polarization and public health interventions. The event will feature keynote speeches, panel discussions, and interactive workshops.

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