March 23, 2020

The Institute for a Sustainable Earth (ISE) is dedicated to addressing pressing sustainability and resilience challenges. Our mission is to provide cutting-edge research and education to inform regional, national, and international sustainability agendas. Researchers and all stakeholders relevant to sustainability are encouraged to collaborate to maximize positive impact on society.

The 8th World Sustainability Forum is a key event in our calendar, where we bring together experts from diverse fields to discuss the latest developments in sustainability science.

Biogeochemical reactivity of pollutants in the environment is a critical area of research that applies scientific and engineering principles. Understanding this can lead to more effective pollution control strategies.

Evolutionary and ecological processes acting at the level of populations, species, ecosystems, and landscapes are crucial for the sustainability of our planet. Research on these processes can help us develop strategies for conservation and management.

Nuclear Physics is a fundamental field that contributes to our understanding of the universe. The Office of Science of the US Department of Energy is committed to advancing this field.

Commercial aquaculture species; 2) Critical disease issues impacting commercial aquaculture are areas of concern in our mission. The purpose of the Research is to support the development of an environmentally and economically sustainable aquaculture industry in the U.S. and generate research that applies scientific and engineering principles.

Bioremediation refers to the use of biota (bacteria, algae, fungi, plants) to address pollution issues. This approach is particularly effective in remediation efforts.

Materials science approaches are crucial in the development of innovative solutions to sustainability challenges. Research on these approaches is on the rise.

The National Institute of Environmental Health Sciences (NIEHS) and the Centers for Disease Control and Prevention are collaborating on the availability of urgent competitive revisions for the Epidemic Preparedness: COVID-19 Funding Call.

The Centers for Disease Control and Prevention is particularly interested in incorporating 2019-nCoV into ongoing models for pre-clinical testing of vaccines and therapeutics against 2019-nCoV.

NIAID's Multi-Pronged Response to the COVID-19 Epidemics and to Increase Research and Response Capacity is an ongoing initiative. It's part of an existing initiative that supports research on the COVID-19 pandemic.

The National Institute on Aging is interested in projects focusing on viral natural history, pathogenicity, or molecular mechanisms of aging.

The Office of the National Institute on Aging is interested in incorporating data from the 2019-nCoV into ongoing models for pre-clinical testing of vaccines and therapeutics against 2019-nCoV.

The Office of Advanced Cyberinfrastructure within the National Science Foundation is supporting the TRACER project, which is accepting proposals to conduct research on the development of data and software infrastructure for the Coronavirus Disease 2019 (COVID-19) biosurveillance and the development and deployment of medical countermeasures. Particular attention is being given to projects focusing on viral natural history, pathogenicity, or molecular mechanisms of aging.

The Transcirptome Project is a significant initiative in the field of genomics. The Virginia Environmental Justice Summit is a key event for gathering insights and establishing policies to address the environmental challenges posed by the global coronavirus pandemic.

To ensure that we're promoting and showcasing the amazing efforts of Mason's community during this challenging time, we're sending out this message. Earth Month is going virtual, and our core track is focused on the aspect of the COVID-19 pandemic and societal response or b) have active COVID-19 relevant additional research in response to this unprecedented situation. Please contact us.

Fostering student-led assessment and self-regulated learning is a key aspect of our curriculum. The Telehealth Project (ROTP) is an initiative that aims to enhance bioremediation research.

The Virginia Environmental Justice Summit is a key event for gathering insights and establishing policies to address the environmental challenges posed by the global coronavirus pandemic.

Sign up: March 28, 2020

Location: International Conference Centre, Geneva, Switzerland

Registration

Contact: Division of Environmental Biology

Deadline: Rolling basis

Amount: Up to $5,000,000

Funding source: Office of Science, Department of Energy

Message from Dr. Leah Nichols, Executive Director: Virginia Environmental Justice Summit

Thank you for your participation!

We're compiling a list of events related to the COVID-19 pandemic and societal response. Please subscribe to our email list.

Find out more about the COVID-19 funding call.

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