March 23, 2020

The Institute for a Sustainable Earth (ISE) is an international organization that coordinates the 8th World Sustainability Forum (WSF2020) and other events. If you are interested in submitting any of your current research, abstract submissions are now being accepted.

The WSF2020 is an international scientific conference that will be held online from March 26 to 30, 2020. Topics of interest include environmental biology, environmental chemistry, and environmental geophysics. Research in these areas may be relevant to integrating over levels of biological organization or across multiple spatial and temporal scales.

Environmental Biology

The WSF2020 will feature sessions on the relationship between evolutionary and ecological processes acting at the level of populations, species, communities, and ecosystems. Environmental Biology is a key area of research in this field.

Special Research Grants Program - Aquaculture

The Sustainable Solutions to the Plastic Waste Problem require creative approaches from many disciplines. The ISE team is working on proposals and supplemental funding requests to existing awards that address COVID-19 and the response to infectious diseases, including NIAID and the National Institute of General Medical Sciences (NIGMS).

NIAID is particularly interested in projects focusing on viral natural history, pathogenicity, and transmission and prevention. NIAID is also interested in improvements in the fundamental scientific questions underlying micro- and nanoplastic characterization, including novel methods and tools for characterizing and analyzing plastic waste.

The Partnership for Water Sustainability (parcs) is an initiative that is working on sustainability solutions to the plastic waste problem. This initiative has received funding from the Canadian federal government and is collaborating with partners to develop innovative solutions.

The ISE team is also developing a web profile for all ISE faculty affiliates. If you are interested in building an interdisciplinary team to research any aspects of sustainability, please contact us.

Message from Dr. Leah Nichols, Executive Director

In light of the emergence and spread of the coronavirus disease 2019 (COVID-19) in the United States and around the world, NIAID is issuing this Notice of Special Interest (NOSI) to highlight the urgent need for research on the 2019 novel Coronavirus (2019-nCoV).

Funding for this research is available from the National Institute of Allergy and Infectious Diseases (NIAID).

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