to facilitate information sharing among researchers, practitioners, and relevant local, national, and international stakeholders. The biweekly newsletter aims to bring news, updates, and research pertaining to environmental science and sustainability. The Institute for a Sustainable Earth (ISE) welcomes contributions from businesses and organizations so that, together, we can more effectively address the world's environmental challenges.

The Symposium will convene key stakeholders to explore the skills, knowledge and attitudes needed to manage and adapt to water scarcity in the context of the Fourth Industrial Revolution. The Global Symposium on Soil Biodiversity, themed: From Land Management to Human Health, will bring together experts to advance a scientific and practical understanding of the role of soil biodiversity in the context of climate change and urbanization.

The African Development Bank, UN Habitat and other development partners are preparing the 6th Global Soil Biodiversity Initiative (Global Symposium on Soil Biodiversity) in Addis Ababa, Ethiopia. The symposium will be held on March 10-12, 2020.

The National Oceanic & Atmospheric Administration (NOAA) Marine Debris Program (MDP) is offering a fellowship program. The fellowship provides an immersion experience working with Smithsonian researchers and educators, and offers hands-on opportunities to explore relationships between marine debris and aquatic communities, and ecosystems. Organizations will receive SWM grant funds to reduce or eliminate pollution of water resources through free technical assistance and/or training provided by the grant recipients. Qualified organizations include federal, state, and local government agencies; academic institutions; and environmental organizations.

The U.S. Department of Agriculture (USDA) is accepting applications for the 2020 Sustainable Waste Management (SWM) Grant Program. The USDA SWM Grant Program supports efforts to reduce or eliminate pollution of water resources by funding projects in rural areas, and improve planning and management of solid waste sites in rural areas.

The Long-Term Ecological Research Program (LTER) has long recognized the importance of humans to ecological systems and is especially interested in how human activities in urban settings impact ecosystem processes in suburban, urban, and rural areas. LTER has created a call to action to support research on urban ecological processes, as well as the urban-rural transitions that are occurring across the globe.

The National Science Foundation (NSF) provides funding opportunities to support research and training on urban ecological processes. The NSF’s Urban Sustainability Research (USD) program is soliciting proposals for two types of research projects: Core Track projects and Early Career Track projects. Core Track projects aim to advance urban sustainability research and help shape the field, while Early Career Track projects aim to support early career researchers in the development of their independent research program.

The World Trade Center (WTC) is providing funding for research in the areas of transportation, security, and urban planning. The WTC funding opportunities are designed to support innovative research and technology development that can help address challenges facing cities around the world.

The U.S. Department of Energy (DOE) is offering funding opportunities in the areas of energy efficiency, renewable energy, and national security. DOE funding opportunities are designed to support fundamental research and development in these areas, as well as to promote the commercialization of new technologies.

The National Institutes of Health (NIH) is accepting applications for the Extramural Training Program in Biomedical Research. This program provides support for research on the social and economic dimensions of whether and how people can benefit from food security.

The Environmental Studies Program is offering funding opportunities for research on the social and economic dimensions of whether and how people can benefit from food security. These funding opportunities are designed to support research that applies scientific and engineering principles to address these challenges.

The National Science Foundation (NSF) is accepting applications for the 2021 Fiscal Year Awards Program in the areas of biological and environmental research, fusion energy sciences, high energy physics, and environmental and ocean sciences.

The National Oceanic & Atmospheric Administration (NOAA) is offering funding opportunities in the areas of climate change, oceanography, and weather forecasting. These funding opportunities are designed to support research on the social and economic dimensions of whether and how people can benefit from food security.