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 connect members of the Mason community and the global community of change-makers to improve access to research-based knowledge and data and to promote evidence-based solutions. The Institute for a Sustainable Earth (ISE) is a research and action competition in the Smart and Connected Communities (S&CC) domain designed to build a more cohesive research-to-applications pipeline in this area.

The 8th World Sustainability Forum
This global virtual conference turns to world history to tell the story of global humanity and how we progress toward the United Nations Sustainable Development Goals (SDGs). This event is part of a series of webinars “Financing the 2030 Agenda in a vulnerable world”, and will focus on how we can address the core vulnerabilities and priorities of the SDGs, including solidifying the team, maturing the project plans, and preparing to submit a well-crafted proposal. The event will explore topics such as how to effectively design and manage research-centered pilot projects, including the roles of network, mentorship, and key stakeholders. The event will also provide a platform for sharing the latest research and knowledge, as well as networking opportunities.

The Coastlines and People program
The Coastlines and People program is focused on critically important coastlines and people research that is integrated with related environmental, human dimensions, and coastal processes to transform understanding of sustainability, develop new research directions, and inform policies.

The Civic Innovation Challenge
This campaign seeks to invest in social innovations that aim to improve the lives of communities, optimize economic benefits by building and maintaining sustainable fisheries, and protect natural resources, public health, and assure good governance.

Research Support for FDA's Youth Tobacco Education
The Office of Advanced Cyberinfrastructure for pilot projects that bring together researchers and CI experts to develop the means of combining existing community data resources and technologies for the treatment and remediation of per- and polyfluoroalkyl substances (PFAS). This research that enables the development of technologies for mitigation, remediation, and/or treatment of PFAS in the environment.

Funding source:
National Geographic Society and Microsoft's AI for Earth Program
Deadline: October 21, 2020
Amount: $50,000 - $15,000,000

Connecting Communities (S&CC) domain
The Civic Innovation Challenge is a research and action competition in the Smart and Connected Communities (S&CC) domain designed to build a more cohesive research-to-applications pipeline in this area. Each track is designed to help researchers and engineers enhance the performance and robustness of community-scale data integration and analysis systems.

- Enhanced modeling and analytics for decision-making: streamlining and on-demand data access; data discovery through knowledge networks
- Creating new workflows and new usage modes to address multi-disciplinary and cross-sector challenges
- Improving the end-to-end process of accessing, integrating and transforming research data into actionable information
- Developing new methods to enhance the performance of community-scale data integration and analysis systems

Funding source: National Geographic Society and Microsoft's AI for Earth Program
Deadline: July 1, 2020
Amount: Up to $100,000
Estimated number of awards: 8 to 10

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Deadline: October 21, 2020
Amount: $50,000 - $15,000,000

Additional Funding Opportunities
- Campaigns
- Research Support for FDA's Youth Tobacco Education

Contact: Kimberlie Laing, 301-903-3026

Please complete this brief survey to help us understand the needs of our Mason community and how we can better serve you.

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