The Institute for a Sustainable Earth (ISE) provides a biweekly newsletter to facilitate information sharing among researchers, practitioners, and relevant local, national, and international sustainability agendas. The newsletter is designed to keep readers informed on conferences, funding opportunities, and research pertaining to environmental science and sustainability.

The newsletter highlights the success of various conservation, climate, and sustainability initiatives. For example, the U.S. Consulate General, Public Affairs Section has invited interested applicants to submit proposals for the One to Many: US Government Exchanges & Engagements initiative. This program aims to promote U.S. public awareness, and emerging issues of concern through the implementation of at least one follow-on alumni workshop for each exchange on eligible topics/themes. This funding is available for FY 2020 Solicitation for the Office of Science, Energy Research.

The Virginia Program is focused on research that applies scientific and engineering principles to sustainability. This includes commercial aquaculture species, critical disease issues impacting commercial aquaculture, and the development of a cost-effective, low-energy-intensive remedy that has contributed to the cleanup and closure of contaminated sites. The National Science Foundation has supported this research with the following funding opportunities:

1. Environmental Research, Education and Training Program
   - **Solicitation name:** Aquaculture Research Program
   - **Amount:** $1,000,000
   - **Funding source:** National Science Foundation
   - **Deadline:** Multiple
   - **Co-PI:** Benoit Van Aken, College of Science
   - **PI:** Naoru Koizumi, Schar School of Policy and Government
   - **Contact:** Erik J. Stemmy
   - **Location:** International Conference Centre, Geneva, Switzerland

2. Infrastructure and Sustainability in Urban Areas Program
   - **Solicitation name:** City of Fairfax Wet Weather Monitoring Program 2020
   - **Amount:** $10,000,000
   - **Funding source:** National Science Foundation
   - **Deadline:** Multiple
   - **Co-PI:** Hadi El Amine, Schar School of Policy and Government
   - **PI:** Brenda Bannan, College of Education and Human Development
   - **Contact:** Benoit Van Aken, College of Science
   - **Location:** City of Fairfax, Virginia

In addition to the research opportunities, the newsletter also promotes upcoming events, such as the Earth Optimism digital event in Chennai, which is accepting proposals to conduct virtual discussions on topics related to conservation, climate, and sustainability.

The newsletter encourages readers to gather information and share knowledge with others across the Mason community and other communities, policy-makers, and stakeholders. It also provides a platform for researchers and practitioners to learn about new science-based information and innovation to address industry constraints. This is made possible through the implementation of follow-on alumni workshops for each exchange on eligible topics/themes and the availability of urgent competitive revisions.

The Institute for a Sustainable Earth (ISE) is committed to promoting the success of conservation, climate, and sustainability initiatives through the dissemination of information and the support of research and innovation.