to facilitate information sharing among researchers, practitioners, and relevant local, national, and international audiences. Not only celebrate the 5th anniversary of the 2030 Agenda for Sustainable Development and the 50th anniversary of Earth Day, but also create a platform to discuss solutions to the most pressing issues.

The 8th World Sustainability Forum (WSF2020) will take place from April 20 to 22, 2020, virtually. The program features the brightest minds to discuss solutions to the most pressing issues, including climate change, biodiversity loss, and social inequality. We need climate action and an open dialogue. We need you and everyone to join in.

While Earth Day is going digital, the goal remains the same: to mobilize the world to take the necessary actions to achieve a more sustainable future. Join us in the virtual Earth Optimism event and demonstrate that success is possible in conservation, climate, and sustainability.

If you plan to submit an internal application for one of the opportunities, please submit a Notice of Intent by April 15. Limited submission funding opportunities are available to Mason researchers. The Funding source is the National Institutes of Health (NIH) and the National Science Foundation (NSF).

Sustainability (CAS): Micro- and Nanoplastics

The purpose of the Science & Technology Research Partnership for Transitioning (STTR) Funding Program is to support research and development that addresses the need for improved methods to reduce the burden and harmful effects of micro- and nanoplastics. The program is open to funding innovations in scientific disciplines, to reduce the burden and harmful effects of micro- and nanoplastics and increase understanding of human-environmental interactions over time, to ultimately manage Earth's natural resources for a more sustainable future.

Civic Innovation Challenge

Develop a high-impact idea to address a core Civic Innovation Challenge, which is focused on improving the health care system. How do researchers model hospital resilience in times of crisis, and how can we better support our healthcare workers during the COVID-19 pandemic?

Research Team Commercial First Innovation TM a.k.a. Smart

Collaborative Research: GI Catalytic Track:

Eligible ATP proposal submissions of up to $500,000 per year over a 3-year period. The funding source is the National Institutes of Health (NIH) and the National Science Foundation (NSF).

Optimizing Natural Systems for Remediation:

Multi-University Collaborative Research (MCRC) Program - Aquaculture

The purpose of the MCRC Program is to provide funding for multi-university collaborative research projects that address critical research gaps in the field of aquaculture. The program is open to funding innovations in aquatic sciences and engineering, to address pressing issues in aquaculture.

Ocean Health Index: Science, Management, and Policy - Aquaculture

The purpose of the Ocean Health Index: Science, Management, and Policy Program is to provide funding for research and development that advances the science and management of marine ecosystems. The program is open to funding innovations in marine science and management, to address pressing issues in marine ecosystems.

Special Research Grants Program - Aquaculture

The purpose of the Special Research Grants Program is to provide funding for research and development that addresses critical research gaps in the field of aquaculture. The program is open to funding innovations in aquatic sciences and engineering, to address pressing issues in aquaculture.

Future Emissions of Greenhouse Gases

The purpose of the Future Emissions of Greenhouse Gases Program is to provide funding for research and development that addresses critical research gaps in the field of climate change. The program is open to funding innovations in climate science, to address pressing issues in climate change.

Free-Form Research in Data Analytics

The purpose of the Free-Form Research in Data Analytics Program is to provide funding for research and development that addresses critical research gaps in the field of data analytics. The program is open to funding innovations in data science and engineering, to address pressing issues in data analytics.

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Accessing andlinking with the organizers, partners, and sponsors of the World Sustainability Forum, along with the Earth Optimism digital event, we invite qualified investigators to apply for funding opportunities and participate in the discussions on sustainability.