This second virtual conference will examine the implications of COVID-19 for public health and businesses and organizations–so that, together, we can more effectively address the world’s challenges. This is part of a global initiative to bring together researchers, policy-makers, and others across the Mason community–and with other communities, policy-makers, researchers and all stakeholders relevant to sustainability to maximize positive impact on the UN Sustainable Development Goals, but we also wish to create synergies between Geneva and the UN Sustainable Development Solutions Network (UN SDSN). The event will focus on the gathering and analysis of data to build evidence and improve understanding and effectiveness of bioremediation through incorporation of advanced, novel approaches. This may include, but is not limited to, the use of engineered microorganisms for the remediation of sites impacted by hazardous substances.

### International Conference Centre, Geneva, Switzerland

- **Date**: May 15, 2020
- **Time**: Virtual
- **Registration**: April 30, 2020
- **Contact**: Multiple
- **Estimated Number of Awards**: 7
- **Amount**: $100,000
- **Funding Source**: Ray C. Anderson Foundation

### Optimizing Natural Systems for Remediation:

- **Funding Source**: State Council of Higher Education
- **PI**: Brenda Bannan, College of Education and Human Development
- **Abstract**: This project will examine the use of engineered microorganisms for the remediation of sites impacted by hazardous substances. This may include, but is not limited to, the use of engineered microorganisms for the remediation of sites impacted by hazardous substances.

### Civic Innovation Challenge

- **For Faculty**: The Center for Resilient and Sustainable Communities will hold a Pandemic Response and Resilience Workshop. The objective of the workshop is to foster research collaborations that build evidence and improve understanding and effectiveness of bioremediation through incorporation of advanced, novel approaches. This may include, but is not limited to, the use of engineered microorganisms for the remediation of sites impacted by hazardous substances.
- **Nearest SI to the Region**: The next generation (NextGen) Aquaculture Grant program will support projects that create and deploy AI tools to improve the way they monitor, model, understand, and ultimately manage Earth's natural resources for a more sustainable future. The program aims to make aquaculture more sustainable by reducing the environmental impact of commercial aquaculture species; 2) Critical disease issues impacting commercial aquaculture species; 3) Developing a robust national aquaculture strategy that prioritizes sustainability and environmental stewardship; 4) Building a national aquaculture workforce through education and training.

- **Funding Source**: State Council of Higher Education
- **PI**: Christopher Koper, College of Humanities and Social Sciences
- **Abstract**: This project focuses on the gathering and analysis of data to build evidence and improve understanding and effectiveness of bioremediation through incorporation of advanced, novel approaches. This may include, but is not limited to, the use of engineered microorganisms for the remediation of sites impacted by hazardous substances. The project aims to make aquaculture more sustainable by reducing the environmental impact of commercial aquaculture species; 2) Critical disease issues impacting commercial aquaculture species; 3) Developing a robust national aquaculture strategy that prioritizes sustainability and environmental stewardship; 4) Building a national aquaculture workforce through education and training.

### Resilience to Disaster and Risk: Linking Knowledge and Action

- **Funding Source**: US Department of Transportation
- **PI**: Christopher Koper, College of Humanities and Social Sciences
- **Abstract**: This project seeks to understand and improve the resilience of the healthcare system. How do researchers model hospital resilience to disaster and risk? How do these models inform decisions about hospital system design and operations? The project aims to better understand the impact of disasters and risk on healthcare systems, and to develop strategies for improving resilience.

### CIVIC: Center for Innovation, Vitality, and Collaboration in Society

- **Funding Source**: Center for Innovative Technology and Department of Homeland Security
- **Co-PI**: Brenda Bannan, College of Education and Human Development
- **PI**: Christopher Koper, College of Humanities and Social Sciences
- **Abstract**: This project seeks to better understand the impact of disasters and risk on healthcare systems, and to develop strategies for improving resilience. It aims to link knowledge and action by providing a platform for researchers and practitioners to collaborate on developing and implementing innovative solutions to improve healthcare system resilience. The project seeks to understand and improve the resilience of the healthcare system, and to develop strategies for improving resilience.