

## 2022 Policy Priorities

AGU supports 130,000 enthusiasts to experts worldwide in Earth and space sciences, including a community of 57,000 in the United States.

### **Fund discovery and solution-based Earth and space sciences for the benefit of humanity**

- AGU urges a significant infusion of funds for America’s Earth and space science agencies to address some of our nation’s most pressing challenges and offset a years-long stagnation in funding.
- To ensure America’s continued competitive advantage in science and technology, AGU recommends at least a real 4% increase in funding that can be sustained year over year for America’s Earth and space science agencies in appropriations and authorization legislation.

### **Create an equitable, diverse, inclusive and just scientific community**

- AGU supports policies seeking to increase diversity and inclusion in the sciences, including those that recognize and promote international scientific collaboration.
- AGU also supports policies seeking to increase access to STEM education and the number of opportunities available to historically underrepresented students, including students from racial/ethnic minorities, gender minorities and rural areas and students who are disabled or socioeconomically disadvantaged.

### **Build a climate and hazard resilient nation**

- AGU recommends the creation of climate mitigation and adaptation policies that are based on strong scientific principles and incorporate ongoing scientific input, facilitate the ready use of actionable climate data and risk information by the public and private decision makers, and enable further research.
- AGU also supports policies that seek to further our understanding of and help to address the factors that lead to environmental and climate injustice.
- Additionally, AGU urges the creation of guidelines to ensure that climate solutions and other federal laws and policies do not perpetuate or exacerbate inequities.
- AGU further supports policies to strengthen research into natural hazards, their impacts, and their underlying processes, as well as those that seek to apply new science to improve disaster preparedness, mitigation, response, and recovery efforts.
- Finally, AGU supports policies that recognize the pivotal role the ocean plays in a resilient planet.

### **Protect environmental and human health**

- AGU supports policies furthering Earth science research, which aids in our understanding of and ability to address the complex interactions between the environment and well-being of different populations, such as those involved in pandemics and climate change, as well as water and air quality.
- AGU recommends policies that expand *community science*—collaborative approaches between scientists and communities—to promote resilience and generate research into and solutions for environmental and health challenges.

**For additional information on AGU's policy priorities please contact [sciencepolicy@agu.org](mailto:sciencepolicy@agu.org).**