

116TH CONGRESS  
1ST SESSION

# S. RES. 460

Congratulating the American Geophysical Union on the occasion of its centennial.

---

IN THE SENATE OF THE UNITED STATES

DECEMBER 19, 2019

Mr. CARDIN (for himself and Ms. MURKOWSKI) submitted the following resolution; which was considered and agreed to

---

## RESOLUTION

Congratulating the American Geophysical Union on the occasion of its centennial.

Whereas, in December 1919, the National Research Council organized the American Geophysical Union—

(1) to represent the United States in the International Union of Geodesy and Geophysics of the International Research Council; and

(2) to serve as the Committee on Geophysics of the National Research Council to promote work in the fields of astronomy, geodesy, geology, meteorology, seismology, terrestrial electricity and magnetism, and volcanology;

Whereas, in 1972, the American Geophysical Union was incorporated as an independent organization;

Whereas, in 2019, the American Geophysical Union has more than 60,000 members in 137 countries;

Whereas the mission of the American Geophysical Union is to promote discovery in Earth and space sciences for the benefit of humanity;

Whereas Earth and space sciences are international endeavors that transform human understanding of the planet, from the core through the atmosphere of the planet and into the universe beyond;

Whereas Earth and space sciences drive basic and applied research that has led to critical health, environmental, commercial, and technological breakthroughs that have inspired individuals throughout the world, strengthened economies, and raised standards of living;

Whereas Earth and space sciences help individuals—

(1) understand and formulate solutions for the critical challenges facing the planet;

(2) become better stewards of natural resources, such as energy, water, and minerals, for current and future generations; and

(3) comprehend and mitigate the effects of terrestrial, manmade, and space disasters, which protects communities worldwide;

Whereas Earth and space sciences are critical components of a science, technology, engineering, arts, and mathematics (in this preamble referred to as “STEAM”) education and inspire students of all ages to become citizen scientists and future leaders in STEAM fields;

Whereas Earth and space sciences seek to discover the origins of humanity, the planet, and the universe, and are a source of awe for past, current, and future generations; and

Whereas December 2019 marks the 100th anniversary of the establishment of the American Geophysical Union: Now, therefore, be it

1       *Resolved*, That the Senate—

2           (1) congratulates the American Geophysical  
3       Union on the occasion of its centennial;

4           (2) supports increasing the understanding of  
5       and interest in Earth and space sciences at the local,  
6       national, and international levels;

7           (3) encourages the scientific community to en-  
8       gage in public outreach so that individuals of all  
9       ages and backgrounds gain a better understanding  
10      of and appreciation for the value of Earth and space  
11      sciences to daily life and quality of life;

12          (4) expresses support for the free and open ex-  
13      change of ideas in Earth and space sciences;

14          (5) recognizes the important role of govern-  
15      ments in fostering Earth and space scientific re-  
16      search, including contributing to higher-risk and  
17      longer-term investigations and providing funding for  
18      the basic and applied research necessary for human  
19      welfare;

20          (6) encourages international cooperation in ef-  
21      forts relating to Earth and space sciences to foster  
22      the global exchange of knowledge and collaboration

1 among scientists worldwide for the benefit of hu-  
2 manity; and

3 (7) respectfully requests that the Secretary of  
4 the Senate transmit an enrolled copy of this resolu-  
5 tion to the executive director and chief executive of-  
6 ficer of the American Geophysical Union.

○