

June 1, 2017

The Honorable Richard Shelby  
Chairman  
Subcommittee on Commerce, Justice,  
Science & Related Agencies  
142 Dirksen Senate Office Building  
Washington, D.C. 20510

The Honorable Jeanne Shaheen  
Ranking Member  
Subcommittee of Commerce, Justice,  
Science & Related Agencies  
506 Hart Senate Office Building  
Washington, D.C. 20510

Dear Chairman Shelby and Ranking Member Shaheen:

We write to thank you again for your past support of the Bay-Watershed Education and Training (B-WET) program and the competitive education grants (also called Environmental Literacy Grants or ELG) program, both operated by the National Oceanic and Atmospheric Administration's (NOAA's) Education Office. **We urge you to fund these two programs in the total amount of \$20 million in the Fiscal Year 2018 appropriations bill.** Funding B-WET at \$12 million would enable NOAA to continue operation of all seven of the regional B-WET programs (California, Chesapeake Bay, Great Lakes, the Gulf of Mexico, Hawai'i, New England, and the Pacific Northwest), which impact a total of 27 states and the District of Columbia. Funding the ELG program at \$8 million would return it to a robust level of grant-making and national impact.

NOAA is mandated to support and coordinate educational activities to enhance public awareness and understanding of ocean-related issues. NOAA education activities are authorized under the America COMPETES Act, which obligates NOAA to carry out science, technology, engineering, and math (STEM) activities to improve interest and literacy in STEM subjects. The America COMPETES Act committee report specifically cites the Bay-Watershed Education and Training program and the Environmental Literacy Grants program as NOAA's principal education grant programs. It describes B-WET as a "model" program noted for "its rigorous program-wide assessment of performance and impact among students and teachers."

Established in 2002 and continuously funded since then, B-WET supports locally relevant, experiential learning with the purpose of increasing understanding of how the quality of a watershed affects the lives of the people who live in it. B-WET supports programs for students as well as professional development for teachers, while advancing regional education and conservation priorities. In 2015, the B-WET program reached an estimated 66,000 students and 2,000 teachers, while supporting 84 institutions. The vast majority of B-WET funding is redistributed locally for student activities and has direct economic impacts in the community it serves. Since 2002, NOAA has awarded \$69 million to support 650 local projects.

While B-WET addresses specific regional education needs, the Environmental Literacy Grants were established in 2005 to advance STEM education through support for national-scale projects. ELG is the longest standing and most comprehensive national grants program focused on environmental literacy. It is designed to improve and expand the learning, understanding, and application of earth system science and advance science, technology, engineering, and mathematics education. This federal grants program leverages high quality partners and incorporates NOAA's scientific assets in formal and informal learning environments.

The ELG program annually provides more than 60 million people with compelling, up-to-date information on the ocean, coasts, Great Lakes, and weather through formal and informal science education programs as well as exhibits. NOAA's ELG program is very competitive: only 10% of peer reviewed applications ultimately receive funding.

In 2016, ELG supported 100 science education institutions in offering up-to-date information to over 60 million people through formal and informal education programs as well as exhibits such as NOAA's Science On a Sphere. ELG funds provided over 2,000 formal and informal educators with professional development using evidence based practices and conveying earth system science in compelling and relevant ways. And approximately 200,000 youth and adult learners engaged in ELG-supported, high quality learning experiences designed to increase their understanding and ability to apply concepts focused on improving environmental literacy.

These two programs have enabled NOAA, as the nation's leading expert on weather, coastal, and ocean information, to partner with the nation's top non-profit organizations and educators to bring this information and hands-on experiences to students. The programs have demonstrated their effectiveness and value to stakeholder communities. And as our nation begins to grapple with the complexities and challenges of diminishing ocean, coastal, and watershed resources as well as severe weather-related events, they are timely and highly relevant.

Unfortunately, funding in past years has fallen fundamentally short of the level necessary for NOAA to carry out its education mandate. Therefore, we respectfully request an increase to \$20 million total (which is the level of funding appropriated in FY2009 and FY2010) for these two NOAA education programs so that NOAA can continue to carry out and improve its successful STEM activities. Should you have any questions about this letter, please contact Jim Elder of the Campaign for Environmental Literacy at (978) 526-7768 or [Elder@FundEE.org](mailto:Elder@FundEE.org).

Sincerely,

National Organizations

Afterschool Alliance

Alliance for Childhood

American Society of Landscape Architects

Association for Experiential Education

Association of Zoos & Aquariums

Association for the Advancement of Sustainability in Higher Education

Association of Nature Center Administrators

Big City Mountaineers

Campaign for Environmental Literacy

Children & Nature Network

Conservation Legacy

EarthDay Network

Earthforce

Ecological Society of America

GirlTrek Inc

Green Schools National Network

Green Schools Alliance

Hipcamp

Kids4Trees

Latino Outdoors  
National Council for Science and the Environment  
National Interscholastic Cycling Association  
National Project for Excellence in Environmental Education  
National Recreation and Park Association  
National Science Teachers Association  
National Wildlife Federation  
NatureBridge  
North American Association for Environmental Education  
Outdoors Empowered Network  
Project WET Foundation  
Safe Routes to School National Partnership  
Second Nature  
Sierra Club  
The Corps Network  
The Ocean Foundation  
The Ocean Project  
The North Face  
The Trust for Public Land  
The Wilderness Society  
Transforming Youth Outdoors  
Upstream Alliance

Regional Organizations:

Great Lakes Fisheries Trust  
Great Lakes Stewardship Initiative  
New England Environmental Education Alliance  
Rocky Mountain Youth Corps  
SOS Outreach

State Organizations:

Alabama Wildlife Federation AL  
California Outdoor Engagement Coalition CA  
O'Neill Sea Odyssey CA  
Outdoor Outreach CA  
Avid4 Adventure CA and CO  
Colorado Alliance for Environmental Education CO  
Yampatika CO  
Delaware Nature Society DE  
Florida Wildlife Federation FL  
Georgia Wildlife Federation GA  
Conservation Council for Hawai'i HI  
Kentucky Association for Environmental Education KY  
Massachusetts Audubon Society MA  
Blandford Nature Center MI  
Seacoast Science Center NH  
Discover Outdoors NY  
Shaker Lakes Regional Nature Center OH  
Ecology in Classrooms & Outdoors (ECO) OR

Environmental Education Association of Oregon OR  
Hilton Pond Center for Piedmont Natural History SC  
PennFuture PA  
IslandWood WA  
West Virginia Rivers Coalition WV  
South Carolina Wildlife Federation SC  
Virgin Islands Conservation Society US Virgin Islands  
Earth Conservation Corps Washington, DC  
Sociedad Ornitológica Puertorriqueña Inc. Puerto Rico