



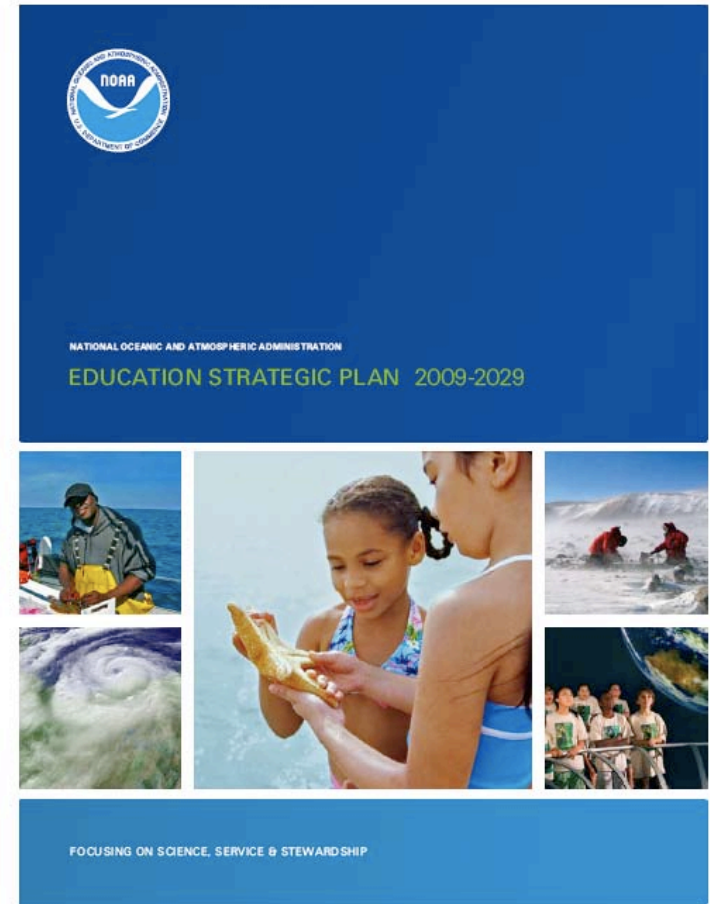
Who Are Our Next Generation Pilots Scientists and Engineers ?

Education at NOAA: A 20-year Plan

NOAA's Mandate to Educate

NOAA's role in science education is defined in The America COMPETES Act (P.L. 110-69) which provides broad authority for educational activities.

The Act states: “The Administrator of the National Oceanic and Atmospheric Administration shall conduct, develop, support, promote, and coordinate formal and informal educational activities at all levels to enhance public awareness and understanding of ocean, coastal, Great Lakes, and atmospheric science and stewardship by the general public and other coastal stakeholders, including under-represented groups in ocean and atmospheric science and policy careers. In conducting those activities, the Administrator shall build upon the educational programs and activities of the agency.”



Education Strategic Plan 2009-2029



STEM Disciplines

NOAA must actively engage the education and research communities to ensure that future workforce needs are met.

This will support the Nation in helping to build a workforce literate in science, technology, engineering, and mathematics (STEM) disciplines

The Unmanned systems market represents a technology that has no signs of disappearing. The industry will need pilots, engineers and technicians.



NOAA UAS Strategic Plan Element

The UAS Program supports NOAA's Mandate to educate

We are exploring supporting efforts in the UAS community that focus on the importance of STEM disciplines – i.e. good science, technology and engineering

Goal is to developing a K-12 Education Project Plan for the NOAA UAS Program that will outline how the UAS Program could facilitate outreach and engagement with K-12 educators and students consistently as the program becomes an operational information service for NOAA.

