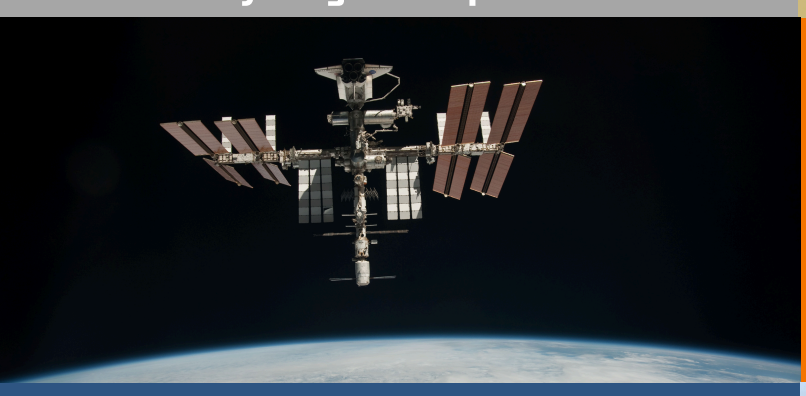
COMMITTEE ON
SCIENCE SPACE AND TECHNOLOGY

WHAT WE DO

The Committee oversees, writes laws, and authorizes funding for government scientific research, development & demonstration. Our jurisdiction covers a broad range of activities & programs.

NASA & OUTER SPACE

NASA is responsible for overseeing America's civil space program, aeronautics, and space research. Since its establishment in 1958, it has overseen most U.S. space exploration programs, including almost everything from Apollo to Artemis.



NATIONAL SCIENCE FOUNDATION

NSF supports all fields of fundamental science and engineering, except for medical sciences and is critical to keeping the U.S. at the leading edge of discovery.

NOAA AND NWS

The work done by the National Oceanic and Atmospheric Administration supports economic vitality and affects more than one-third of our GDP. Its ocean and atmospheric research helps us better understand our climate and environment. Within NOAA, the National Weather Service provides weather, water, and climate data, as well as forecasts and weather warnings.

FEDERALLY OWNED OR OPERATED NON-MILITARY LABS

You benefit every single day from the R&D done at the nation's 17 National Labs. Lab scientists were the first to install a web server in our country, bringing the internet to North America.
They've improved cancer therapy, modernized our electric grid, and developed nuclear energy.

NATIONAL INSTITUTE OF STANDARDS AND TECHNOLOGY

NIST measurements support a huge range of technologies, from nanoscale devices so tiny that tens of thousands can fit on the end of a human hair, to earthquake-resistant skyscrapers and global communications networks.

ENERGY RESEARCH, DEVELOPMENT & APPLICATION

R&D has revolutionized energy production and efficiency in the U.S. From drill bit technology that led to hydraulic fracturing to optimizing chemical reactor designs to improving wind and solar energy technology, basic research has allowed our industry to successfully commercialize new technology.

ENVIRONMENTAL R&D

Research into the health of our climate, our air quality, and our ecosystems helps us to safeguard human health and protect our environment from pollutants.