

LINKING KNOWLEDGE TO TRANSFORMATIVE ACTION

The overall objective of the National Academies of Sciences, Engineering, and Medicine's Science and Technology for Sustainability (STS) Program is to harnessing the power of science, engineering, and medicine to meet sustainability challenges from local to global scales. To achieve this as the institutional focal point for examining sustainability issues, STS will elevate the impact and visibility of the National Academies' efforts and actions.

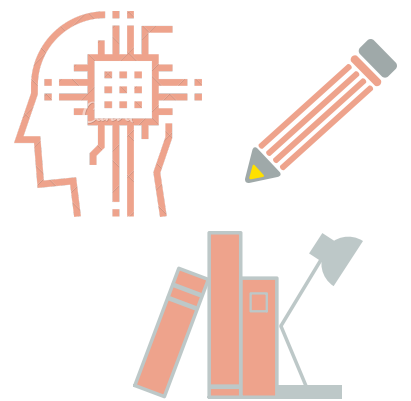
SUSTAINABILITY AS A DRIVER FOR INNOVATION AND DISRUPTION

Our overarching theme for 2019 will be Sustainability Science as a Driver for Innovation and Disruption through connecting intellectual capital to practitioners for linking knowledge to transformative action.



ARTIFICIAL INTELLIGENCE TO ACCELERATE SUSTAINABILITY SCIENCE AND ADVISE

An expert workshop will be held to examine how STS could harness recent advances in machine learning and artificial intelligence to develop a digital first system for National Academies sustainability-related publications.



ROUNDTABLE ON SCIENCE AND TECHNOLOGY FOR SUSTAINABILITY

Established in 2002, the STS Roundtable provides a high level forum for sharing views, information, and analyses related to harnessing science and technology for sustainability. It will convene a 20th anniversary workshop in celebration of the 1999 release of Our Common Journey: A Transition Toward Sustainability.



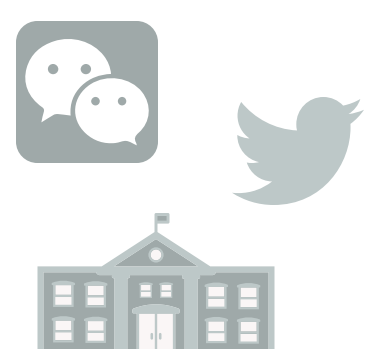
SPONSOR-REQUESTED WORKSHOPS AND STUDIES

Sponsored activities enlist the nation's foremost experts to address the scientific and technical aspects of sustainability. A public workshop, Reducing Food Loss and Waste: A Workshop on Impacts was held in October 2018.



CONNECTING WITH THE COMMUNITIES WE SERVE

A monthly e-newsletter and social media @NASEM_Sustain highlight National Academies activities related to sustainability in the context of the SDGs. In 2019, STS will link knowledge to action by hosting the national and international forums for thought-leaders.



STS has been examining how the National Academies can harness its links to the U.S. science, engineering, and medical communities to support activities at a global scale related to the Sustainable Development Goals (SDGs).