

# Harnessing STI for the SDGs

Dr. E. William Colglazier, Editor-in-Chief, Science & Diplomacy

Not only are the 17 SDGs of the 2030 Agenda a great gift helping humanity to aim at a desired future, the UN has asked for the assistance of the world's scientific community in harnessing science, technology, and innovation (STI) to accelerate progress. The challenges are significant, but the role for science is clear: advise on challenges, provide indicators for monitoring progress, search for new innovative solutions, advise on policies and actions with feedback on what is working and not working, and help build a robust STI community and science-policy interface in every country and globally.

Three key actions are: (i) engage with decision-makers and stakeholders to produce "STI for SDGs" roadmaps and thereby integrate STI into national and global action plans for all the SDGs, (ii) provide scientific input on the global constraints to ensure a stable and resilient earth system to help all countries deliver their share of global responsibilities, and (iii) advise on the implications of rapidly advancing scientific knowledge and technological innovations that can be disruptive and transformational for societies to maximize new opportunities and deal with emerging threats. The opportunity for science academies will be enhanced if they produce their own roadmaps for how best to assist their societies - their governments and stakeholders - as well as serve the global interest.