

International Atomic Energy Agency (IAEA)

**Input to 2019 SG report on oceans and the law of the sea**

**First report**

For over six decades, the IAEA has been continuously developing and applying a suite of radiotracer techniques that can reliably and rapidly assess ocean change, including how its biota and ecosystems are affected by marine pollution and climate change impacts. As an example, the transport and possible effects of microplastics on marine life are being studied using controlled aquaria. Furthermore, to establish contaminant baselines, select radionuclides are an invaluable tool to develop reliable geochronologies. new analytical

that are then compared in proficiency tests at laboratories across  
nt Laboratories also host the Ocean Acidification- International  
platform for global collaboration on ocean acidification. In summary,  
le of Ocean Science for Sustainable Development by promoting and  
of solution-oriented ocean science.