

## Topics (T)

## An Outer Space Perspective on Climate Change (Space Law and Policy) (5)

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RECOMMENDATIONS ON SPACE FOR CLIMATE ACTION FROM THE OFFICIAL POLICY  
POSITION OF THE SPACE GENERATION ADVISORY COUNCIL**Abstract**

The Space Generation Advisory Council (SGAC), in support of the United Nations Programme on Space Applications, believes that the space community should be at the forefront of climate action. As members of the space generation, we aim to foster this shift in the industry and share the benefits of space for sustainability. To this end, the Space Generation Advocacy and Policy Platform (SGAPP) established a policy working group on Space for Climate Action in 2022. This policy division, encompassing members from all backgrounds and disciplines, developed an SGAC policy report outlining recommendations on space for climate action. In October 2022, this report was approved by the Executive Committee of the SGAC as the official policy position of the organization. As such, it will be disseminated across various platforms with subsequent work from SGAPP in its implementation during the upcoming advocacy stage.

The policy position outlines the main findings and research undertaken by the SGAPP policy division, covering the following topics: Environmental Impacts of Space, Space Law and Policy Development, Space Technology and Earth Observation Data Applications, Education and Outreach for Climate Action, Ethical and Political Considerations, as well as Green Economy, Finance, and New Space. The recommendations target various stakeholders spanning Scientific Community and Academia, Governments and Policy Makers, and Commercial Industries. In this paper, the recommendations of the official policy report are elaborated upon as a preliminary step to the advocacy stage, in order to foster discussion within the space community and enable the adoption of these recommendations.