

Tokyo Principles for International Space Exploration  
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Space exploration represents the ultimate challenge in our quest to explore new frontiers and extend our collective sense of humanity's place in the universe.

In addition to advancing the state-of-the-art in science, technology and engineering, there are innovative opportunities to deliver benefits to humanity on Earth while paving the way for future space exploration activities.

These benefits include fueling future scientific discoveries; addressing global challenges in space and on Earth through the development and application of advanced technologies; creating global partnerships by sharing challenging and peaceful goals; inspiring society and especially the younger generations through collective and individual efforts; stimulating economic expansion and enabling new business opportunities.

Many of the achievements of space exploration over the past half a century would not have been possible without international cooperation. Space exploration consists of multiple missions, programs and projects, large and small, to several destinations, which all have their own merits, and can be explored using a variety of technologies. Collaboration can strengthen both individual projects and the collective effort.

Common principles for international space exploration will advance sustainable, effective, and efficient international collaboration and generate benefits for all humankind. Participating nations affirm the following:

- **PEACEFUL PURPOSES AND BENEFITS FOR HUMANKIND**
  - Common interest of all
  - Scientific, technological, inspirational and economic opportunities
  - Benefits of space exploration research and technology developments for humankind on Earth
  - Adherence to the Treaty on Principles Governing the Activities of States in the Exploration and Use of Outer Space, including the Moon and Other Celestial Bodies.
  
- **SCIENCE:**
  - Exploration enables science; and science enables exploration
  - Leverage scientific expertise for exploration of the solar system

- **IMPLEMENTABLE, EVOLVABLE, AND AFFORDABLE**
  - Implementable in the near-term based on current resources and in the long-term using resources commensurate with economic conditions.
  - Synergies between robotic and human space exploration missions
  - Based on fiscal reality of each country/organization
  
- **ASPIRATIONAL AND INSPIRATIONAL**
  - Challenges that push the boundaries of science and technology
  - Quest of humanity to explore new frontiers, to make new discoveries and to extend our collective sense of place in the universe
  
- **RESPECT FOR SPACE POLICIES AND PROJECTS OF EACH COUNTRY/ORGANIZATION**
  - Space policies and projects of each country/organization
  
- **PROMOTION OF INTERNATIONAL COOPERATION AND COLLABORATION**
  - Through coordination and partnerships
  - Promotion of policies for free and open science data exchange
  
- **PUBLIC ENGAGEMENT**
  - Human exploration of the solar system for all to become involved
  - Cooperation with academic and private sector organizations
  
- **ECONOMIC EXPANSION**
  - Opportunities for commercial business to further enhance their experience and business base
  - Opportunities for the creation of new markets, commercial services, and spinoffs.
  
- **SUSTAINING OUTER SPACE ENVIRONMENT**
  - Protecting outer space including celestial bodies
  
- **CONTINUITY**
  - Continuity of international space exploration with a regular cadence of robotic missions and human missions as appropriate according to scientific objective
  - Incremental buildup of capabilities for more complex and compelling integrated human and robotic missions