Fernando R. Echavarria



Office of Space Affairs, Bureau of Oceans and International Environmental and Scientific Affairs, U.S. Department of State

echavarriafr@state.gov, Tel. 202-436-4078



Bureau of Oceans and International Environmental and Scientific Affairs Office of Space Affairs (OES/SA)

Impact Nat Geospatial Strategy on Global Front & vise versa

- How do we align US National Geospatial Strategy w International? I. increase cooperation already underway in our S&T diplomacy cooperation.
 1) DOS curates S&T agreements w 60 nations; 2) DOS/OES/SA maintains +10 bilateral civil space dialogues; 3) DOS promotes engagements (CEOS, CGMS, CHARTER, GEO, ICG, UNCOPUOUS); 4) other USG engagement UN-GGIM, UNESCO; 5) foreign assistance programs (USAID); 6) NSF + other S&T coop.
 II. Government can not do it alone. Promote the private sector.
- There are UNIQUE opportunities for + International Cooperation: These should be pursued and extended. I can provide a few 2023 examples. U.S. policy continues to promote the adoption of policies and practices internationally that facilitate full, open, and timely access to *Government space- derived environmental data* on a reciprocal basis. Examples: GEO, CEOS, etc.
- "2020 National Space Policy" + "2023 Strategic Framework for Space Diplomacy" calls for Civil Space Guidelines: These docs encourage international engagement on observation of the Earth's Surface, Environment, and Weather. To continue and to enhance a broad array of programs of space-based observation, research, and analysis of the Earth's surface, oceans, and atmosphere and their interactions, and to improve life on Earth:
 - Utilize international partnerships to sustain and enhance a robust Earth observations program that meets civil and national security requirements, including weather, climate, ocean, and coastal observations
- Although not easy, I am cautiously optimistic that this engagement is possible with benefits for BOTH the U.S. and the int'l geospatial community.



Bureau of Oceans and International Environmental and Scientific Affairs Office of Space Affairs (OES/SA)

2023 Examples







8th U.S.-India CSJWG, Jan 30-31, 2023, DC





12th U.S. - EU Space Dialogue, June 26-27, 2023, Brussels





Bureau of Oceans and International Environmental and Scientific Affairs Office of Space Affairs (OES/SA)

10/16/2015