

# State Department Engagement with the International Space Weather Community

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# Overview of the Talk

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- Role of the State Department
- US National Space Policy, 28 June 2010
- Office of Space and Advanced Technology
- Space Weather Community Engagement

# Role of the State Department

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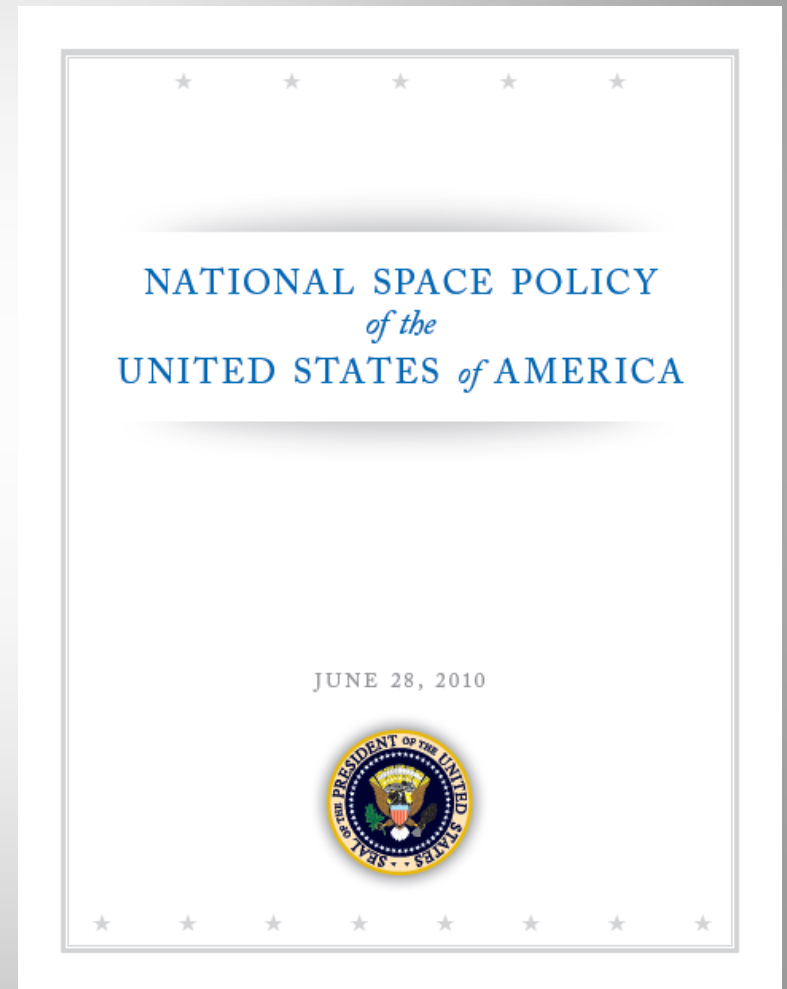
- The locus of civilian power in the U.S. Government
  - Keeper of the interagency process
  - Path to international engagement by other agencies
- The face of U.S. Diplomacy
  - Implementer of choice for U.S. foreign policy
  - Engagement with foreign embassies in Washington, DC
  - In-country engagement via embassies, missions, consulates
  - Engagement with international organizations
  - Official U.S. Government commentary on world events

# Civil Space at the State Department

The Secretary reports to the President

State Dept's role in Space Policy is set forth in the NSP, 28 June 2010

“The Secretary of State, after consultation with the heads of appropriate departments and agencies, shall carry out diplomatic and public diplomacy efforts to strengthen understanding of, and support for, U.S. national space policies and programs and to encourage the foreign use of U.S. space capabilities, systems, and services.”



# Bureau of Oceans and International Environmental and Scientific Affairs

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- Established by an Act of Congress
- Eight offices covering the range of science instrumental in international engagement
  - Global Climate Change
  - Environmental Policy
  - Ecology and Natural Resources
  - Oceans and Polar Affairs
  - Marine Conservation
  - International Health Affairs
  - Science and Technology Cooperation
  - Space and Advanced Technology

# Office of Space and Advanced Technology

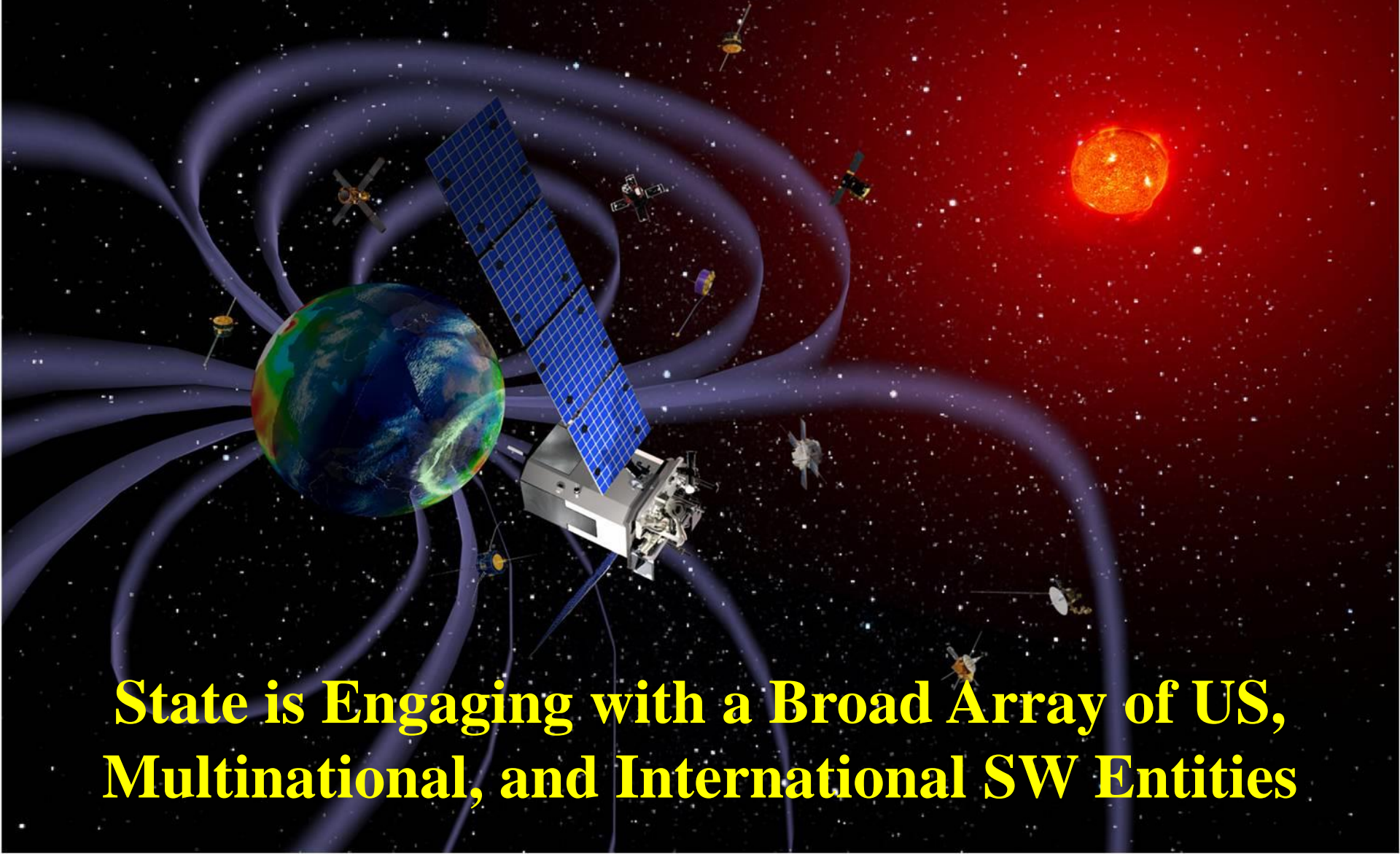
## *International Cooperation in Space*

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- 13 FTEs, 3 Ph.D. scientists
- International aspects of civil space, fusion power, and nanotechnology
- UN Committee on the Peaceful Uses of Outer Space
  - 5 binding international treaties
  - 5 international principles
- Remote Sensing (International Charter)
- Global Navigational Satellite Systems
- Space Situational Awareness
  - Space Weather
  - Space Debris
  - Near-earth objects

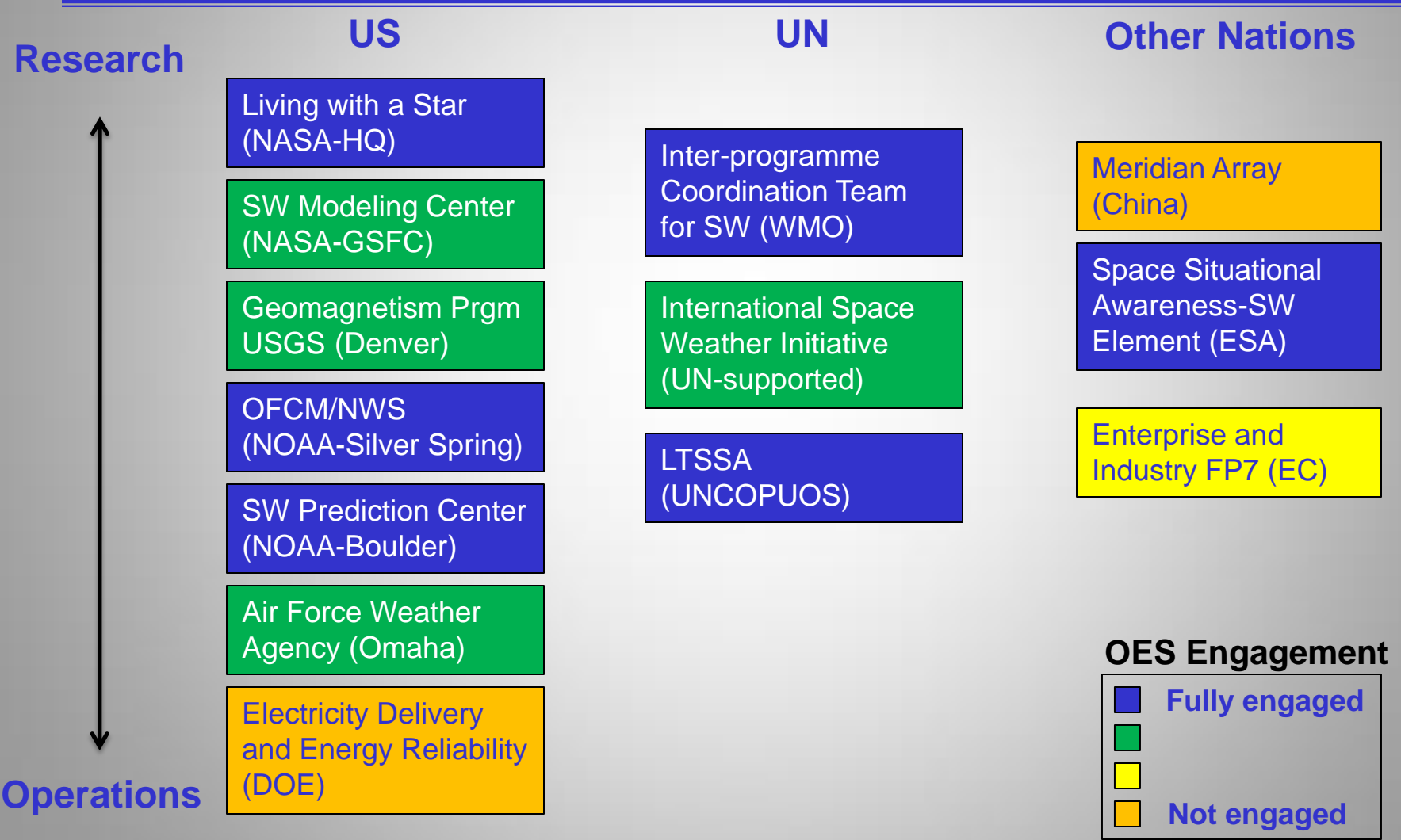


# Prediction and mitigation requires both space-based and global terrestrial instrumentation



State is Engaging with a Broad Array of US, Multinational, and International SW Entities

# Current DOS/OES Engagement Levels





# Summary of OES Space Weather Activities

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- Office of the Federal Coordinator for Meteorology (NOAA)
- Inter-programme Coordination Team for Space Weather (WMO)
- US-EU SW Coordination Activity (OES-SAT)
- Long-term Sustainability of Space Activities
- Support for ISWI
- National Security Staff Informal SW Mitigation Team
- International Space Weather Strategy Development
- Conference and Workshop Participation

# Takeaways

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- Commitment within SAT to maintain high level of technical competence regarding space weather
- Incumbent in place until August 2012
- Your ideas on working together are welcome
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