COMPARING AND CONTRASTING SPACE AND CYBER GOVERNANCE

ERICA SYMONDS, UNIVERSITY OF MARYLAND SCHOOL OF PUBLIC POLICY
CAPSTONE PROJECT

CLIENT: SECURE WORLD FOUNDATION

OCTOBER 22, 2019
OBJECTIVE

• Consider how characteristics of space and cyber governance over the past decade can help inform future governance initiatives

APPROACH

• Create frameworks for comparison
• Research characteristics of governance initiatives
  • Multilateral forums
  • U.S. policy
• Compare and contrast
• Implications for future initiatives
# FRAMEWORKS FOR COMPARISON

<table>
<thead>
<tr>
<th>Multilateral Forums</th>
<th>U.S. Policy</th>
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<tr>
<td>• Time Frame</td>
<td>• Policy Type</td>
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<td>• Types of Participants</td>
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<td>• Goals/Purpose</td>
<td>• Drivers/Motivations</td>
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<td>• Notable Outcomes</td>
<td>• Issues of Interest: Commercial Sector, Arms Control, Global Commons</td>
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<td>• Soft vs. Hard Law</td>
<td>• Overlap Between Space and Cyber</td>
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<td>• Level of Success</td>
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MULTILATERAL FORUMS

• Notable difference: basis of international space law

• Soft law initiatives more common, more successful in cyber at UN

• Divisions among states

• Regional organizations: failing to promote “codes of conduct” at UN

• Experts/academics: interpreting international law
U.S. POLICY

• Obama vs. Trump administrations
  • Obama: cyber, national strategies/policies
  • Trump: space, executive orders/directives

• Commercial sector: commonly included

• One instance of overlap between space and cyber

• Related to multilateral efforts
  • Cyber: protecting critical infrastructure
  • Space: industry, SSA/STM, Space Force/lack of norms for weapons in space
IMPLICATIONS FOR FUTURE GOVERNANCE INITIATIVES

• Space and cyber governance highly siloed
  • Promising: Space Information Sharing and Analysis Center (S-ISAC)

• Divisions among groups of states impeding progress globally
  • Western vs. non-Western
  • Promising: 2015 U.S.-China Cyber Agreement

• Challenges of consensus-based multilateral forums
  • Shift to regional organizations, private sector, non-governmental initiatives