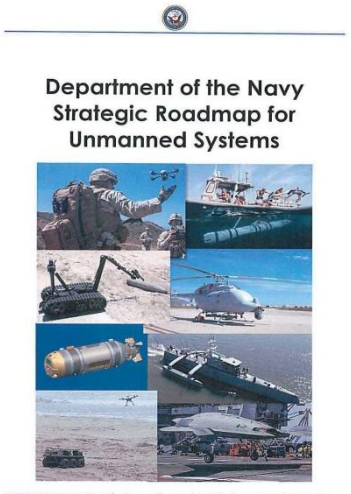
Priority Legal and Policy Issues of UxS

CRUSER
Consortium for Robotics and Unmanned Systems Education and Research



DoD and Navy Strategies call for law and policy analysis to advance US legal and ethical development and use of UxS.

Problem Statement

- DoD and the Navy consistently call for law and policy research and analysis to address legal and policy issues of UxS, especially as complex technology and operational environments evolve.
- Project will:
  - prioritize legal and policy issues related to design, development and military use of UxS;
  - analyze US and international law to provide thorough understanding of the existing and emerging legal frameworks;
  - answer specific legal questions and fill in policy gaps.
- Researchers will work collaboratively with US and international experts and analyze caselaw, statutes, treaties and official policies (directives/instructions).

Impact

- Results support research by answering law and policy questions that can facilitate more effective platform design and appropriate testing and use of UxS.
- Findings will assist warfighters to address requirements within the operational, liability, and environmental contexts, including NPS students who will contribute to research and analysis.
- Success will be in delivering confident and thorough results to legal and policy questions and aiding the design of Navy and DoD policies which will positively impact Fleet effectiveness.

Transition

- Law and policy issues are consistently identified as priorities within the Navy's UxS Campaign Plan and DoD Unmanned Systems Strategy.
- Research will contribute to the work of the DASN RDT&E and CNR Intelligent Autonomous System (IAS) Strategic Development Team (SDT) and the Policy and Ethics Pillar (being stood up through ONR). Future support is anticipated to address continuing law and policy needs and analysis.
- Researchers will submit findings to support the CNO's UxS Campaign Plan, participate in the Policy and Ethics Pillar and seek support through international partnerships (including TTCP) to ensure legal and ethical use of UxS.

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