

31st IAA SYMPOSIUM ON SPACE POLICY, REGULATIONS AND ECONOMICS (E3)
Strategic Risk Management for successful space & defence programmes (6)

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RISK ANALYSIS AND MITIGATION FRAMEWORK IN SUPPORT OF SINO-AMERICAN
COOPERATIVE SPACE PROJECTS

Abstract

This paper provides a brief overview of major domestic and international regulations that are affecting cooperative space projects between the United States and China. The associated technical, financial, economic, societal, and political consequences of a potential cooperative space-based project between the United States and China are characterized and organized into a general threat framework that depicts the different types of risks and their relative significance. Recommendations are provided for domestic and international guiding practices to mitigate risks for a Sino-American space project. Such recommendations should be considered not only by American and Chinese national authorities, but also by respective industries and government agencies that could become involved in an international cooperative project between the United States and China. Doing so will enable them to more effectively participate in the global governing process and help ensure productive space-based cooperation between the United States and China.