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Type: **Poster**

Development of Arms Control Agreements and Arrangements

Despite arms control agreements and arrangements cannot come into action without a holistic approach, there has been no study completed that used a rigorous metadata analysis and synthesized related studies to review the overall scene on the topic. This project aims to apply a science-based profile and assessment to analyze the trend of arms control agreements and arrangements research within the broader context as they relate to the CTBT and nuclear explosion monitoring. By investigating 2,500+ arms control related research publications and citation data from the year 1956 to 2019, this study explores who is doing what in the field, when, where and with what implications. The analysis includes comparisons of countries, organizations, authors, and fields of study, and investigates their individual work and collaborations on arms control agreements and arrangements. In addition, for a 'whole-of-government' approach, this research brings in publications of multiple sectors, including academia, government, commercial, and nonprofit actors as a way of collaborative approaches to arms control efforts.

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