

Evaluating Weather Warfare in Alternative Futures: A Game Changer in Future Power Rivalry

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Abstract

Weather warfare or in other words weather modification, finds its place in warfare history in the past and emerging technologies in the present context. During different eras of the world history amidst been challenged for its legality and environmental impact, weather modifications survived under the shield of scientific purposes. In this backdrop, weather warfare being the elephant in the room in power rivalry, this paper finds it imperative to evaluate its futuristic aspects in terms of alternative futures. Therefore, the problem statement of this paper is to answer the plausibility of weather warfare in alternative futures. In order to find feasible solutions, the methodology adopted in this paper is qualitative based on secondary sources including media and internet and it is further analyzed using the four alternative scenarios for future. The discussion includes to evaluate the usage of weather warfare in the past, elaborate the usage of weather warfare in the present context, to revisit the possible methods of weather warfare based on inventions in the world history, to critically examine the legality of weather warfare and finally to analyze weather warfare as a possible game changer in future world power rivalry. As a result, the main objective of this study is to unveil the plausibility of weather modification as a military strategy in alternative futures with its' possibility to identify as a game changer in world power rivalry.

Keywords: *Weather Warfare, Alternative Futures, Power Rivalry*