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Leveraging System Dynamics with the North Korean Dilemma

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Abstract: Since its establishment as a nation-state in 1948, North Korea has destabilized the region and threatened global security. The country has proven time and time again that it will stop at nothing to achieve its goals of self-preservation and portraying itself as a strong and prosperous nation. The modern age provides diverse opportunities for North Korea to achieve its goals. Kim Jong-Un, the current supreme leader of North Korea, will continue to prevent the threat he perceives from the western world in order to continue his goals for the country. In this paper, the authors leverage system dynamics in order to describe the situation in North Korea and predict future action from the country. This approach provides options for dealing with the North Korean dilemma of today for policy makers and military planners alike, such as pressing China to cut ties with the North Korean government.

Keywords: System Dynamics, North Korea, Kim Jong-Un, Global Security