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## The use of satellites in the border security

**Ali Emre Destegül**

Turkish Air War College, Turkey

The progress in satellite technology has been a source of solutions to many problems and it seems to continue. One of the best examples is that civil and military technology work on together is providing detection ability by satellites. We can benefit from this feature to ensure the security of borders. In the first part of the study it is investigated that how military and civil technology has been evolved. Also the importance of technology that developed by the contribution of communication, energy and remote sensing is specified. In those ongoing parts of the study, the efficiency of reconnaissance and intelligence capability that obtained from different dimensions of space by satellites to ensure the safety of land borders is examined. In this context today's satellite reconnaissance and surveillance capabilities have been analyzed. After analyzing the effects of factors that create security problems such as terrorism and smuggling tactics, a qualitative research has been made to solve the problems encountered. In the conclusion chapter, as a result of SWOT analysis application some important procedures have been proposed to ensure the security of land borders through satellites more efficiently.

## Biography

Ali Emre Destegül graduated from Department of Electronic Engineering of Turkish Air Force Academy in 2007. After graduating from 2nd Main Jet Base (MJB) as a jet pilot, he was assigned to 4th MJB where he became an F-16 pilot. He was assigned to 8th MJB, Diyarbakir between 2010 and 2014. He has approximately 1000 flight hours. He received a Master's degree in "Image Fusion" from Aeronautics and Space Technologies Institute in Istanbul. He attended Turkish Air War College (TAWC) in 2014. He has published a few papers in local military organizations and is a Student Officer in TAWC.

[aedestegul@gmail.com](mailto:aedestegul@gmail.com)

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