

Contemporary Technological Developments in Urban Warfare

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Abstract : By the evolving technology, the nature of the war has been changed since the beginning of the history. In the first generation war, the bayonet came to the fore in battlefields; successively; in the second-generation firepower; in the third generation maneuver. Today, in the fourth-generation, fighters, sides, and even fighters' borders are unclear; consequently, lines of the battles have lost their significance. Furthermore, the actors in the battles can be state or non-state, military, paramilitary or civilian. In order to change the balance according to their interests, parties have utilized the urban areas as warfare. The main reason for using urban areas as a battlefield is the imbalance between parties. To balance the power strength, exploiting technological developments has utmost importance. There are many newly developed technologies for urban warfare such as change in the size of the unmanned aerial vehicle, increased usage of unmanned ground vehicles (especially in supply and evacuation purposes), systems showing the behind of the wall, simulations used for educational purposes. This study will focus on the technological equipment being used for urban warfare.

Keywords : urban warfare, unmanned ground vehicles, technological developments, nature of the war

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