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Effective Surveillance for Homeland Security

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Chapter 15. GEPSUS GEOINT Applications for Homeland Security

Raffaele De Amicis, Giuseppe Conti, Federico Prandi, Stefano Piffer, Daniele Magliocchetti, Alberto Debiasi, Diego Taglioni, Andrej Škraba, and Radovan Stojanović

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Chapter 15

GEPSUS GEOINT Applications for Homeland Security

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15.1 Introduction

Global population swell, together with increasing pollution levels caused by expanding industrialization, growing vehicle use, rising standards of living, and other anthropic activities, is cause for an unprecedented level of threat to security, both due to industrial accident and terrorist attacks.

While a significant effort has been made by many countries to protect their main infrastructures, key installations, and mass transportation systems against terror attacks, insufficient attention has been given to protect sites containing hazardous materials/pollutants that could

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