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Nota di contenuto	Chapter 1 -- The Geography of Territorial Disputes in the East and South China Seas -- Chapter 2-The Devil's Garden: A study of mine warfare at El Alamein -- Chapter 3-Simulating the Trench War: The practice camps in Aube (Champagne, France) 1914-1919 -- Chapter 4-Infrastructure Support: an era of change and complexity -- Chapter 5-The U.S.10th Mountain Division in Italy, 1945: Initial operations in the Appenines -- Chapter 6-'News on the Eastern Front' The WWI tactical maps of the Italian Army in the historical archive of the 3rd Armata: Proposals for a semiologic interpretation and a digital analysis -- Chapter 7-The 10th Mountain Division at Camp Hale, Colorado: The Origin of Mountain 32 Alpine Warfare Testing and Training in the U.S -- Chapter 8-The Demarcation of the Czechoslovak Border in the Period

1918-1924 -- Chapter 9-Defending Britain's Soft Underbelly: Invasion, fortification and geology near Portsmouth, Hampshire -- Chapter 10-Examples of German Trafficability Maps from the Eastern Front in Europe 1941-45 -- Chapter 11-German Military Specialist Maps of the North Italian Theatre of War 1945 -- Chapter 12-War Geology of the Imperial and Royal Army at the Isonzo-Front 1918 -- Chapter 13-Environmental Impact of Military Shooting Ranges -- Chapter 14-The Evolution of the Italian Treatises about Military Geography and Geology During the Last Two Centuries -- Chapter 15-The Vietnam War: A geographic analysis -- Chapter 16-The Italian Corps of Engineers in WWI: Innovations in mining, and tunnel warfare -- Chapter 17-Remarking Warscape Archaeology: Fresh news from the not-quiet Central-Alpine Front -- Chapter 18-An evaluation and comparison of ordinary least squares and geographically weighted regression tools for predicting surface soil texture, using remote sensing -- Chapter 19-The Durand Line: A fragile border in the heart of Asia -- Chapter 20-Geographical representation of the Royal Italian Army war sectors and sites during the First World War -- Chapter 21-The Development and Implications of Arab Underground Guerrilla and Terror Activity in the Gaza Strip -- Chapter 22-The Utility of Soil-Landform Relationships in Terrain Mobility Models Based on Soil-strength Characteristics -- Chapter 23-Italian Prisoners of War in South Africa: circumstances and contributions -- Chapter 24-Current Operational Challenges for Military Geo and Innovative Approaches.

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#### Sommario/riassunto

This volume presents a selection of papers from the 13th International Conference on Military Geosciences (ICMG), held 24-28 June 2019 in Padua, Italy. It covers a wide range of subjects within the confines of military geoscience written by scientists with a variety of different backgrounds from many countries throughout the world. Many of the papers focus on subjects related to Italy and World War I, but additional subject areas include international perspectives in the military geosciences, international security, geospatial intelligence and remote sensing, subterranean and underground warfare, analyses of historical battlefields and fortifications, and military archaeology. The book will be of interest to academics (e.g., military historians, military archaeologists, military geographers and geologists), applied geoscientists (e.g., engineering geologists and geologists working in other areas of applied geology), professional geoscientists, and those with a general interest in military geoscience and history. .

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