

1. Record Nr.	UNINA9910373890403321
Titolo	Military geoscience : bridging history to current operations // editor, Peter L. Guth
Pubbl/distr/stampa	Cham : , : Springer International Publishing : , : Imprint : Springer, , 2020
ISBN	3-030-32173-8
Edizione	[1st edition 2020.]
Descrizione fisica	1 online resource (VI, 222 p.) : 76 illus., 55 illus. in color
Collana	Advances in Military Geosciences, , 2522-8315
Disciplina	550
Soggetti	Military geography Military geology
Lingua di pubblicazione	Inglese
Formato	Materiale a stampa
Livello bibliografico	Monografia
Nota di contenuto	Battle of Big Hole: GIS and Archaeology -- Trenches in the Ocean. Geography and the Russian Defense of the Baltic Sea, 1912-1917- Fort Eben Emael: Geographic Pivot of the Western Front, 1940 -- Improvement in German Military Geology from the Napoleon Wars to World War I -- Military Geoscientific Excursions to Theatres of World War I in France and Belgium -- Early Virtual Reality Simulators for the Fleet Air Arm & Royal Navy -- Insurgency and the City -- Fortified Venice: the line of fortifications around Venice and its relation to the geomorphology of the lagoon and the mainland -- The Cadore Offensive: Theoretical Military Geography Considerations -- The Influence Of Geographical Factors On The Outcome Of The Battle Of Spioenkop During The Anglo Boer War, 1899 – 1902 -- Improvement in German Military Geology from the Napoleon Wars to World War I -- Military Geoscientific Excursions to Theatres of World War I in France and Belgium -- Silver Bullets and the Paradox of Plenty: Natural Resource Development in Afghanistan -- Research Proposal — Analyzing the Past and Current Roles of Terrain and Terrain Analysis on Military Operations -- The U.S. Army Camel Corps: An Experiment in Transportation Solutions -- Strategic Geospheric Engineering -- Mapping Soil-Landscape Relations in Barry M. Goldwater Range West, Yuma, AZ -- Passive Seismic Survey of Sediment Thickness, Dasht-e-Nawar Basin, Eastern Afghanistan -- Terrain Analysis in your Pocket:

Sommario/riassunto

This book is a collection of papers presented at the 11th International Conference of Military Geoscience that was held in 2015. The conference included discussion on a diverse range of geosciences, including military history, military geology, teaching geology from a military prospective, geological influence on the battlefield, and environmental and cultural issues related to management of military lands. Geology and geography have played a significant role in military history, from providing the stone for primitive tools and weapons, to the utilization of terrain in offensive and defensive strategies. Specific to this volume, deserts comprise nearly a third of the Earth's surface and have been the site of numerous battles where the dust, heat, and a lack of food and water have provided challenges to military leaders and warriors. This book examines the role of deserts in past and modern warfare, the problems and challenges in managing military lands in desert regions, and how desert environmental conditions can impact military equipment and personnel. This proceedings volume should be of interest to scholars, professionals, and those interested in military history, warfare, geology, geography, cultural resources, general science, and military operations.
