

Health and sustenance in extreme environment

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Résumé ou extrait : This book provides insights into the challenges of military operations under extreme climatic conditions. Divided into 3 sections, the book covers the impact of extreme environments from high altitude areas to desert terrain, forest conditions, and the marine environment. Chapters discuss the influence of altitude on military operations, the role of the microbiome, and innovative diagnostic and therapeutic approaches. It also addresses physiological solutions for desert warfare and the complexities of jungle operations. Further chapters describe the effects of marine motion and deep-sea challenges, covering strategies for health surveillance, psychological well-being, and precision medicine in combat scenarios. The book is supplemented with basic definitions, descriptive artwork, novel and unexplored research questions. The book is relevant for physiologists, researchers in stress biology, and military medicine interested in understanding the impact of extreme climatic conditions on soldier health and performance.

Sujet - Nom commun : Matériel militaire

Forces armées -- Environnement

Milieus extrêmes -- Aspect sanitaire

Médecine militaire