Record Nr. UNINA9910254658103321 Ophthalmology in Extreme Environments / / edited by Prem S. **Titolo** Subramanian Pubbl/distr/stampa Cham:,: Springer International Publishing:,: Imprint: Springer,, 2017 **ISBN** 3-319-57600-3 Edizione [1st ed. 2017.] 1 online resource (117 pages) : color illustrations Descrizione fisica Collana Essentials in Ophthalmology, , 1612-3212 Disciplina 610 Soggetti Ophthalmology Lingua di pubblicazione Inglese **Formato** Materiale a stampa Livello bibliografico Monografia Nota di bibliografia Includes bibliographical references and index. Nota di contenuto 1. Neuro-Ophthalmolmic Sequelae of Sustained Microgravity -- 2. The Effects of Extreme Altitude on the Eye and Vision -- 3. Refractive Surgery in Aviators -- 4. Night Vision and Military Operations -- 5. Deep-Sea Environments and the Eye -- 6.Lessons from Animals in Extreme Environments -- 7. Industrial and Military Eye Injuries and Eye Protection Challenges. Aiming to stimulate future research in ocular disorders that occur in Sommario/riassunto specific environments presenting unique hazards to the eye, systemic health, or both, this book assists in identification and effective treatment for these cases. Ophthalmology in Extreme Environments identifies common approaches to the care of disease and injury in these conditions, recognizing gaps in knowledge and working toward better informing the reader. Topics covered include high altitude and vision changes, night vision and military operations, undersea environmental medicine, and modern eye trauma surgery and outcomes.