Record Nr. UNINA9910457775103321 **Titolo** Ecological consequences of climate change: mechanisms, conservation, and management / / edited by Erik A. Beever and Jerrold L. Belant Pubbl/distr/stampa Boca Raton, Fla.:,: CRC Press,, 2012 **ISBN** 0-429-14775-9 1-283-34984-1 9786613349842 1-4200-8722-3 Descrizione fisica 1 online resource (320 p.) Altri autori (Persone) BeeverErik A (Erik Alan) BelantJerrold L 577.2/2 Disciplina Soggetti Bioclimatology Climatic changes - Environmental aspects **Ecology** Electronic books. Lingua di pubblicazione Inglese **Formato** Materiale a stampa Livello bibliografico Monografia Description based upon print version of record. Note generali Nota di bibliografia Includes bibliographical references and index. Nota di contenuto Front Cover; Contents; Preface; Acknowledgments; About the Editors; Contributors: Cover Photo Credits: Chapter 1: Western Climate Change: Chapter 2: Amphibian Population Declines and Climate Change; Chapter 3: Minimizing Uncertainty in Interpreting Responses of Butterflies to Climate Change; Chapter 4: Advances, Limitations, and Synergies in Predicting Changes in Species' Distribution and Abundance under Contemporary Climate Change; Chapter 5: Mammalian Distributional Responses to Climatic Changes: A Review and Research **Prospectus** Chapter 6: Effects of Climate Change on the Elevational Limits of Species RangesChapter 7: Climate Change and Sandy Beach Ecosystems; Chapter 8: Response of Western Mountain Ecosystems to Climatic Variability and Change:: A Collaborative Research Approach;

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## Sommario/riassunto

Contemporary climate change is a crucial management challenge for wildlife scientists, conservation biologists, and ecologists of the 21st century. Climate fingerprints are being detected and documented in the responses of hundreds of wildlife species and numerous ecosystems around the world. To mitigate and accommodate the influences of climate change on wildlife and ecosystems, broader-scale conservation strategies are needed. Ecological Consequences of Climate Change: Mechanisms, Conservation, and Management provides a mechanistic understanding of biotic responses to climate change, in orde