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Titolo	Biodiversity in a changing climate : linking science and management in conservation // edited by Terry L. Root [and three others]
Pubbl/distr/stampa	Oakland, California : , : University of California Press, , 2015 ©2015
ISBN	0-520-28671-5
Descrizione fisica	1 online resource (244 p.)
Disciplina	577.2/209794
Soggetti	Biodiversity - Climatic factors - California Biodiversity conservation - California
Lingua di pubblicazione	Inglese
Formato	Materiale a stampa
Livello bibliografico	Monografia
Note generali	Description based upon print version of record.
Nota di bibliografia	Includes bibliographical references at the end of each chapters and index.
Nota di contenuto	Front matter -- Contents -- List of Contributors -- Preface -- CHAPTER 1. A New Era for Ecologists: Incorporating Climate Change into Natural Resource Management -- CHAPTER 2. Climate Change from the Globe to California -- CHAPTER 3. Climatic Influences on Ecosystems -- CHAPTER 4. Modeling Krill in the California Current: A 2005 Case Study -- CHAPTER 5. Shifts in Marine Biogeographic Ranges -- CHAPTER 6. Integrating Global Climate Change and Conservation: A Klamath River Case Study -- CHAPTER 7. Pollinators and Meadow Restoration -- CHAPTER 8. Elevational Shifts in Breeding Birds in the Southern California Desert Region -- CHAPTER 9. Conserving California Grasslands into an Uncertain Future -- CHAPTER 10. Species Invasions: Linking Changes in Plant Composition to changes in Climate -- CHAPTER 11. Evolutionary Conservation under Climate Change -- CHAPTER 12. Fossils Predict Biological Responses to Future Climate Change -- CHAPTER 13. Historical Data on Species Occurrence: Bridging the Past to the Future -- Glossary -- INDEX -- Contributor Bios
Sommario/riassunto	One major consequence of climate change is abrupt, dramatic changes in regional biodiversity. Even if the most optimistic scenarios for mitigating climate change transpire, the fate of many wild species rests on the shoulders of people engaged in conservation planning,

management, and policy. Providing managers with the latest and most useful climate change research is critical and requires challenging the conventional divide between scientists and managers. Biodiversity in a Changing Climate promotes dialogue among scientists, decision makers, and managers who are grappling with climate-related threats to species and ecosystems in diverse forms. The book includes case studies and best practices used to address impacts related to climate change across a broad spectrum of species and habitats-from coastal krill and sea urchins to prairie grass and mountain bumblebees. Focused on California, the issues and strategies presented in this book will prove relevant to regions across the West, as well as other regions, and provide a framework for how scientists and managers in any region can bridge the communication divide to manage biodiversity in a rapidly changing world. Biodiversity and a Changing Climate will prove an indispensable guide to students, scientists, and professionals engaged in conservation and resource management.

2. Record Nr.	UNINA9910254821003321
Autore	Brown John N.A
Titolo	Building an Intuitive Multimodal Interface for a Smart Home : Hunting the SNARK // by John N.A Brown, Anton Josef Fercher, Gerhard Leitner
Pubbl/distr/stampa	Cham : , : Springer International Publishing : , : Imprint : Springer, , 2017
ISBN	3-319-56532-X
Edizione	[1st ed. 2017.]
Descrizione fisica	1 online resource (XIII, 78 p. 22 illus.)
Collana	SpringerBriefs in Human-Computer Interaction, , 2520-1689
Disciplina	005.438
Soggetti	User interfaces (Computer systems) Human-computer interaction Electronic digital computers - Evaluation Human-machine systems User Interfaces and Human Computer Interaction System Performance and Evaluation Interaction Design
Lingua di pubblicazione	Inglese
Formato	Materiale a stampa
Livello bibliografico	Monografia

Nota di bibliografia

Includes bibliographical references at the end of each chapters.

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Sommario/riassunto

This book describes an innovative approach to the interaction between humans and a smart environment; an attempt to get a smart home to understand intuitive, multi-modal, human-centred communication. State of the art smart homes, like other “smart” technology, tend to demand that the human user must adapt herself to the needs of the system. The hunt for a truly user-centred, truly intuitive system has long proven to be beyond the grasp of current technology. When humans speak with one another, we are multimodal. Our speech is supplemented with gestures, which serve as a parallel stream of information, reinforcing the meaning of our words. Drawing on well-established protocols in engineering and psychology, and with no small amount of inspiration from a particular nonsense poem, we have successfully concluded that hunt. This book describes the efforts, undertaken over several years, to design, implement, and test a model of interaction that allows untrained individuals to intuitively control a complex series of networked and embedded systems. The theoretical concepts are supported by a series of experimental studies, showing the advantages of the novel approach, and pointing towards future work that would facilitate the deployment of this concept in the real world.

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