

1. Record Nr.	UNINA9910799278203321
Autore	Castilla Juan Carlos
Titolo	Conservation in Chilean Patagonia : Assessing the State of Knowledge, Opportunities, and Challenges // edited by Juan Carlos Castilla, Juan J. Armesto Zamudio, María José Martínez-Harms, David Tecklin
Pubbl/distr/stampa	Cham : , : Springer International Publishing : , : Imprint : Springer, , 2023
ISBN	3-031-39408-9
Edizione	[1st ed. 2023.]
Descrizione fisica	1 online resource (518 pages)
Collana	Integrated Science, , 2662-947X ; ; 19.
Altri autori (Persone)	Armesto ZamudioJuan J Martínez-HarmsMaría José TecklinDavid
Disciplina	333.9516
Soggetti	Conservation biology Ecology Freshwater ecology Marine ecology Oceanography Biogeography Biodiversity Conservation Biology Freshwater and Marine Ecology Biooceanography Biogeosciences
Lingua di pubblicazione	Inglese
Formato	Materiale a stampa
Livello bibliografico	Monografia
Nota di contenuto	An integrated conservation vision for Chilean Patagonia -- Global change and acceleration of anthropic pressures on Patagonian ecosystems -- Representativeness assessment and identification of priorities for the protection of terrestrial ecosystems in Chilean Patagonia -- Terrestrial protected areas in Chilean Patagonia: characterization, historical evolution, and management -- Conserving the origin of rivers: intact forested watersheds in western Patagonia -- Peatlands in Chilean Patagonia: distribution, biodiversity, ecosystem

services, and conservation -- Steppe ecosystems in Chilean Patagonia: distribution, climate, biodiversity, and threats to their sustainable management -- Coastal-marine protection in Chilean Patagonia: historical progress, current situation, and challenges -- Marine mammals and seabirds of Chilean Patagonia: focal species for the conservation of marine ecosystems -- Hard bottom macrobenthos of Chilean Patagonia: emphasis on conservation of sublittoral invertebrate and algal forests -- Fisheries and marine conservation in Chilean Patagonia -- Aquaculture and its impacts on the conservation of Chilean Patagonia -- Ecological connections across the marine-terrestrial interface in Chilean Patagonia -- A conservation assessment of freshwater ecosystems in southwestern Patagonia -- Chilean Patagonian glaciers and environmental change -- Conservation and indigenous people in Chilean Patagonia -- Drivers of change in ecosystems of Chilean Patagonia: current and projected trends -- Analysis of tourism development linked to protected areas in Chilean Patagonia.

---

## Sommario/riassunto

Chilean Patagonia, located at the southwestern tip of South America, is one of the last regions on earth where highly intact environments predominate. With a coastline that extends along some 100,000 km of fjords, channels, and islands, it has one of the world's most extensive marine-terrestrial interfaces. Local place-based and Indigenous cultures and management practices are a vital presence across the region, while the long and rich history of conservation efforts have resulted in officially protected areas covering over 50% of the land and 41% of the coastal-marine area. However, Chilean Patagonia is increasingly facing anthropogenic pressures associated with increased infrastructure and access, salmon aquaculture, extractive industries, and the spread of invasive exotic species. Despite widespread recognition that Chilean Patagonia represents a unique global reservoir of socio-natural heritage, to date there has been no region-wide assessment of the scientific evidence of the conservation status of its ecosystems or the priorities for their effective conservation.

Conservation in Chilean Patagonia: Assessing the state of knowledge, opportunities, and challenges is the first book to gather and synthesize the available scientific and socio-environmental information related to Patagonian conservation. It presents the collaborative work of 68 researchers and local experts, representing a range of specialties and perspectives, including: biology, ecology, socio-ecology, fisheries, aquaculture, anthropology, economics, geography, tourism, cryosphere, oceanography, climate and global change. The book's 18 chapters focus on the status of key ecosystems and conservation tools, and provide recommendations toward the construction of a renewed, inclusive, and integrated conservation agenda for the Chilean Patagonian region. It provides an essential primer for anyone interested in the future of this ecologically vital region, as well as lessons on interdisciplinary collaboration and integrated analysis of conservation issues useful for conservation practitioners and scholars. This is an open access book. This book is a translation of an original Spanish edition. The translation was done with the help of artificial intelligence (machine translation by the service DeepL.com). A subsequent human revision was done primarily in terms of content, so that the book will read stylistically differently from a conventional translation.

---