1. Record Nr. UNINA9910831026503321

Titolo	Commercial fishing [[electronic resource]] : the wider ecological impacts / / edited by Geoff Moore & Simon Jennings
Pubbl/distr/stampa	London, : Published for the British Ecological Society by Blackwell, 2000
ISBN	1-282-12278-9 9786612122781 0-470-69496-3 0-470-69485-8
Descrizione fisica	1 online resource (74 p.)
Collana	Ecological issues series
Altri autori (Persone)	MooreP. G (P. Geoffrey) JenningsSimon, Ph. D.
Disciplina	639.22
Soggetti	Fisheries - Environmental aspects Marine ecology
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 (p. 57-59).
Nota di contenuto	Commercial fishing: the wider ecological impacts; Contents; Key Points; 1 Commercial fishing: the wider ecological impacts; 1.1 Introduction; 2 Fishing gears and their operation; 2.1 Gear selectivity; 2.2 Pelagic drifting gears; 2.3 Bottom set gears; 2.4 Pelagic mobile gears; 2.5 Bottom mobile gears; 2.6 SCUBA diving, explosives, poisons; 3 Effects of litter from fishing gear; 3.1 'Ghost' fishing; 3.2 Ingestion offragments offishinggear by marine mammals, turtles and seabirds; 4 Vulnerability of different marine habitats; 4.1 Mud; 4.2 Sand; 4.3 Gravel and mixed grounds; 4.4 Maerl 4.5 Coral, coralligene and rocky reef habitats4.6 Seagrass meadows; 4.7 Kelp forests; 4.8 Sea mounts; 4.9 Relative vunerability; 5 Effects on non-target organisms; 5.1 Sea birds; 5.2 Sea mammals; 5.3 Sea turtles; 5.4 Sea snakes; 5.5 Benthic scavengers; 6 Community and ecosystem responses; 6.1 Community diversity; 6.2 Habitat structure; 6.3 Benthopelagic coupling; 6.4 Species interactions; 6.5 Assessing fisheries effects; 7 Conservation aspects and the way forward; 7.1 Marine reserves; 7.2 Practical conservation measures; 8 Further reading; 9 Glossary; 10 Acronyms; 11 Addresses of contributors

Sommario/riassunto	Fishing provides food, income and employment for millions of people. However, fishing has environmental costs that threaten rare species, marine ecosystems and the sustainability of the resource. Based on the research expertise of leading scientists, Commercial Fishing: the Wider Ecological Impacts provides a lively, timely and accessible account of fishing activities and their impacts on marine habitats, biodiversity and species of conservation concern. It covers fishing methods that range from trawling in the Antarctic to fishing with dynamite in the tropics. The authors s

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Record Nr.	UNINA9910349502003321
Autore	Bucur Voichita
Titolo	Handbook of Materials for Wind Musical Instruments / / by Voichita Bucur
Pubbl/distr/stampa	Cham : , : Springer International Publishing : , : Imprint : Springer, , 2019
ISBN	3-030-19175-3
Edizione	[1st ed. 2019.]
Descrizione fisica	1 online resource (XXI, 819 p.)
Disciplina	534 788.19
Soggetti	Acoustics Ceramic materials Manufactures Biogeography Music Cultural property Ceramics Machines, Tools, Processes Biogeosciences Cultural Heritage
Lingua di pubblicazione	Inglese
Formato	Materiale a stampa
Livello bibliografico	Monografia

Nota di contenuto	Introduction - the outline of the book -- Organologic description of wind instruments -- Wood species for reed -driven instruments – clarinet, saxophone, oboe, bassoon -- Materials for reeds of reed driven instruments -- Metallic materials for lip- driven instruments and for air jet driven instruments -- Fibrous auxiliary materials - the felt, the cork -- Organic auxiliary materials - the leather, the parchment -- Resonant air column in wind instruments -- Effect of wall material on vibration modes of walls of wind instruments -- Effect of bore shape and tone holes -- Methods for measuring the acoustic properties of wind instruments -- Manufacturing of tubes in metal for brass instruments and pipe organ -- Manufacturing of tubes and pipes in wood -- Manufacturing of reeds for reed driven instruments -- Manufacturing of pads and keys -- Digital fabrication of wind instruments -- Traditional cleaning and ultrasonic cleaning techniques for metallic wind instruments -- Degradation of organ pipes and of brass instruments -- Restoration and conservation of brass musical instruments -- Restoration and conservation of historical pipe organ -- Marble, the nondegradable material for pipe organs.
Sommario/riassunto	This book addresses key questions about the materials used for the wind instruments of classical symphony orchestra such as flutes, clarinets, saxophones, oboes, bassoons and pipe organs. The content of this book is structured into four parts. Part 1- Description of materials for wind instruments deals with wood species and materials for reeds used for making clarinet, oboe and bassoon- and, with metallic materials and alloys for - horn, trumpet, trombone, etc. Auxiliary materials associated with the manufacturing of wind instruments are felt, cork, leather and parchment. Part 2- Basic acoustics of wind instruments, in which are presented succinctly, some pertinent aspects related to the physics of the resonant air column. An important aspect discussed is related to the effect of wall material on the vibration modes of the walls of wind instruments. The methods for measuring the acoustical properties of wind instruments are presented. Part 3- Manufacturing of wind instruments, describes the technology used in manufacturing metallic tubes and pipes made of wood. Part 4 - The durability and degradation of materials addresses data about methods for cleaning wind instruments, studies factors producing degradation of organ pipes, describes methods of conservation and restoration of brass instruments and of historical pipe organs. Finally, the properties of marble are described, being the only one nondegradable and sustainable material used for pipes for organs.