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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.

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