Record Nr. UNINA9910830079703321 Management and ecology of lake and reservoir fisheries [[electronic **Titolo** resource] /] / edited by I.G. Cowx Pubbl/distr/stampa Oxford;; Malden, MA,: Fishing News Books Ames, Iowa, : Distributor, USA and Canada, Iowa State University Press. 2002 **ISBN** 1-280-21378-7 9786610213788 0-470-79281-7 0-470-99567-X 1-4051-4733-4 Descrizione fisica 1 online resource (416 p.) Altri autori (Persone) Cowxl. G (lan G.) Disciplina 333.956 Soggetti Fishery management Freshwater fishes - Ecology Lingua di pubblicazione Inglese **Formato** Materiale a stampa Livello bibliografico Monografia Note generali Proceedings of a meeting held in Hull, UK in April 2000. Includes bibliographical references. Nota di bibliografia Nota di contenuto Management and Ecology of Lake and Reservoir Fisheries; Contents; Preface; I Stock assessment for management purposes; 1 Hydroacoustic fish stock assessment in lakes in England and Wales; 2 The use of a split-beam echosounder for fisheries assessment in reservoirs: necessity for validation; 3 Estimation of the fish yield potential of lakes in north-east Germany; 4 Effects of area and location on pikeperch yields in Finnish lakes; 5 Fish stock assessment of Lake Schulen, Flanders: a comparison between 1988 and 1999 6 Ecology of European whitefish, Coregonus lavaretus, in two Austrian lakes in relation to fisheries management and lake productivity7 Fisheries of Lake Victoria: an underwater perspective; 8 Analysis of exploitation patterns for Nile perch, Lates niloticus, in Lake Victoria; 9 Recent trends in the Lake Victoria fisheries assessed by ECOPATH; 10

Fish population structure and its relation to fisheries yield in small reservoirs in Cote d'Ivoire; 11 Review of the fisheries in the Brazilian portion of the Parana/Pantanal basin; 12 Fish and fisheries of Kaptai

## Reservoir, Bangladesh

II Anthropogenic activities/rehabilitation and mitigation 13 Coexistence of introduced Perca fluviatilis and Coregonus lavaretus in Santa Croce Lake (Italy), and propositions for fishery management; 14 Compensatory responses of fish populations in a shallow eutrophic lake to heavy depredation pressure by cormorants and the implications for management; 15 Restoration of Ormesby Broad through biomanipulation: ecological, technical and sociological issues; 16 Impacts and subsequent control of an introduced predator: the case of pike, Esox lucius, in Chew Valley Lake

17 The potential to control fish community structure using preference for different spawning substrates in a temperate reservoir18 Fish ecology and conservation in Lake Banyoles (Spain): the neglected problem of exotic species; 19 Conservation of the endangered whitefish, Coregonus lavaretus, population of Haweswater, UK; 20 Fish community and habitat changes in the artificially stocked fishery of Lake Naivasha, Kenya; 21 Is the invasion of water hyacinth, Eichhornia crassipes Solms (Mart.), a blessing to Lake Victoria fisheries?; III Management

22 Managing the exploitation of brook trout, Salvelinus fontinalis (Mitchill), populations in Newfoundland lakes23 Factors affecting the performance of stillwater coarse fisheries in England and Wales; 24 Management of fisheries in a large lake - for fish and fishermen; 25 Fishery management practices in French lakes; 26 Fisheries and fisheries management on Lake Peipsi-Pihkva; 27 Role of non-exploited fishery resources in Sri Lankan reservoirs as a source of food for cage aquaculture; 28 Potential species for fishery enhancement in Lake Fae, Cote d'Ivoire

29 Pelagic cichlid fishes of Lake Malawi/Nyasa: biology, management and conservation

## Sommario/riassunto

In this comprehensive edited book, international experts in fisheries management and ecology review and appraise the status of lake and reservoir fisheries, assessment of fisheries yields, trophic ecology, rehabilitation and conservation, including a special section on African lakes where so much information of huge relevance to fisheries managers is now available. Contributions from around the world. Carefully edited by internationally respected editor. Has been generated from acclaimed HIFI Symposium.