

chapter 12

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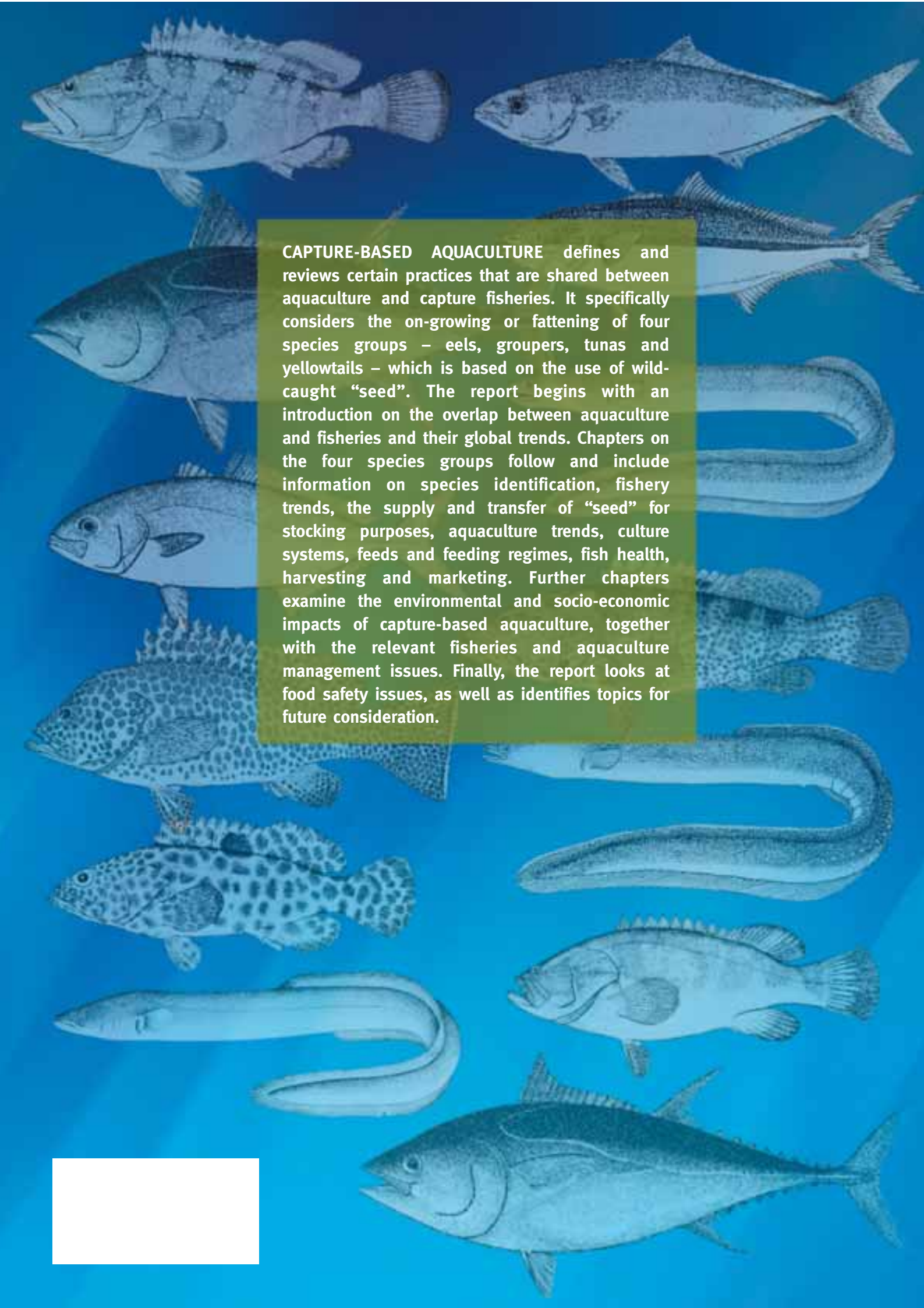
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Abbreviations and acronyms

ACIAR	Australian Center For International Agricultural Research
APEC	Asia-Pacific Economic Cooperation
APGN	Asia-Pacific Grouper Network
ASETUN	Spanish bluefin tuna Farmers Association
BOD	Biochemical Oxygen Demand
BTSD	Blue Fin Tuna Statistical Document
CAC	Codex Alimentarius Commission
CBA	Capture-Based Aquaculture
CCP	Critical Control Point
CCRF	Code of Conduct for Responsible Fisheries
CCSBT	Commission for the Conservation of Southern Bluefin Tuna
CITES	Convention on International Trade in Endangered Species
CPUE	Catch Per Unit Effort
CZM	Coastal Zone Management
DVS	Departmental Veterinary Services
EA	Environmental Assessment
EDF	Environment Defense Fund
EEZ	Economic Exclusive Zone
EFP	Experimental Fishing Programme
EIA	Environmental Impact Assessment
EIS	Environmental Impact Statement/Study
EIFAC	European Inland Fisheries Advisory Committee
EMAS	Eco-Management and Audit Scheme
EMS	Environmental Management System
FAD	Fish Aggregating Device
FAO	Food and Agriculture Organization of the United Nations
FCR	Food Conversion Ratio
FFA	South Pacific Forum Fisheries Agency
GATT	General Agreement on Tariffs and Trade
GFCM	General Fisheries Commission for the Mediterranean
GHP	Good Hygienic Practice
GMP	Good Manufacturing Practice
HACCP	Hazard Analysis Critical Control Point
HDPE	High Density Polyethylene
HFP	Histamine Fish Poisoning
IATTC	Inter-American Tropical Tuna Commission
ICCAT	International Commission for the Conservation of Atlantic Tunas
ICES	International Council for the Exploration of the Sea
ICLARM	International Center for Living Aquatic Resources Management (WorldFish Center)

ICM	Integrated Coastal Management
IHNV	Infectious Haematopoietic Necrosis Virus
IOTC	Indian Ocean Tuna Commission
IPNV	Infectious Pancreatic Necrosis Virus
ISO	International Organization for Standardization
ITQ	Individual Transferable Quota
IUCN	International Union for the Conservation of Nature
LIFDC	Low-Income Food-Deficit Country
LRFFT	Live Reef Food Fish Trade
LRFT	Live Reef Fish Trade
MMPA	Marine Mammal Protection Act
MSC	Marine Stewardship Council
MSY	Maximum Sustainable Yield
NACA	Network of Aquaculture Centres in Asia-Pacific
NMFS	National Marine Fisheries Service
NGO	Non-Governmental Organization
QA	Quality Assurance
RSIV	Red Seabream Iridoviral
SARDI	South Australia Research and Development Institute
SCRS	Standing Committee on Research and Statistics
SDP	Southern bluefin statistical Document Programme
SEAFDEC	South-East Asian Fisheries Development Center
SIPPO	Swiss Import Promotion Programme
SPC	South Pacific Commission
SRAC	Southern Regional Aquaculture Center
TAC	Total Allowable Catch
TBOASA	Tuna Boat Owners Association of South Australia
TNC	The Nature Conservancy
UNESCO	United Nations Educational, Scientific and Cultural Organization
UNESCO/CSI	UNESCO Environment and Development in Coastal Regions and Small Islands Unit
UNDP	United Nations Development Programme
USFDA	United States Food and Drug Administration
VPA	Virtual Population Analysis
VSN	Viral Splenic Necrosis
WHO	World Health Organization
WIOTO	West Indian Ocean Tuna Organization
WTO	World Trade Organization
WWF	WorldWide Fund for Nature
YAV	Yellowtail Ascite Virus

The background of the page is a vibrant blue, populated with various fish species. In the top left, there is a large grouper with a prominent dorsal spine. To its right is a sleek tuna. Below these, there are several other groupers of different sizes and patterns, and several eels of varying lengths and colors. The fish are arranged in a somewhat circular pattern around the central text box. The text box is a semi-transparent olive green rectangle containing white text.

CAPTURE-BASED AQUACULTURE defines and reviews certain practices that are shared between aquaculture and capture fisheries. It specifically considers the on-growing or fattening of four species groups – eels, groupers, tunas and yellowtails – which is based on the use of wild-caught “seed”. The report begins with an introduction on the overlap between aquaculture and fisheries and their global trends. Chapters on the four species groups follow and include information on species identification, fishery trends, the supply and transfer of “seed” for stocking purposes, aquaculture trends, culture systems, feeds and feeding regimes, fish health, harvesting and marketing. Further chapters examine the environmental and socio-economic impacts of capture-based aquaculture, together with the relevant fisheries and aquaculture management issues. Finally, the report looks at food safety issues, as well as identifies topics for future consideration.

