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Nota di contenuto	Aquaculture and the Environment; Contents; Preface; Acknowledgements; 1 Introduction; 2 Water Quality; 2.1 Aquaculture Farms; 2.2 Open Waters for Stock Building and Stock Enhancement; 3 Nature of Environmental Impacts; 3.1 Conflicts with Other Uses; 3.2 Sedimentation and Obstruction of Water Flows; 3.3 Effluent Discharges; 3.4 Hypernutrition and Eutrophication; 3.5 Chemical Residues; 3.6 Other Effects; 4 Extent of Environmental Impacts; 4.1 Quantification of Effluent Discharges; 4.2 Assessment of Pollutive Effects; 5 Siting and Design of Farms 5.1 Restrictions on the Use of Potential Sites 5.2 Basic Data for Site Selection; 5.3 Siting Farms on Marshes and Mangroves; 5.4 Selection of Water Bodies and Stocks to be Enhanced; 5.5 Farm Design; 6 Use of Natural Resources; 6.1 Sources and Utilization of Land Water Resources; 6.2 Use of Animal Wastes; 6.3 Use of Sewage; 6.4 Use of Heated-water Effluents; 6.5 Recycling of Water; 6.6 Use of Trophic Levels in Aquaculture; 7 Waste Production in Aquaculture; 7.1 Feed-derived and Metabolic Waste Products; 7.2 Wastes from Food and

Feedstuffs; 7.3 Feed Loss  
7.4 Methods of Measuring Waste Production  
7.5 Fertilizer-derived Wastes; 7.6 Residues of Biocides and Biostats; 7.7 Algal Blooms; 7.8 Bacterial Communities; 8 Pattern and Effect of Waste Discharges; 8.1 The Nature of Waste Discharges; 8.2 Polyculture; 9 Introduction of Exotics and Escape of Farmed Species; 9.1 Species Diversity; 9.2 Ecological Effects of Introductions; 9.3 Transmission of Diseases; 9.4 Control of Introductions; 9.5 Genetic Dilution due to Escape of Farmed Animals; 9.6 Guidelines for Management of Movement of Live Aquatic Animals; 10 Pathogens in the Aquatic Environment  
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Aquaculture and the Environment  
Second Edition  
T. V. R. Pillay  
The continuing rapid increases in aquaculture production world-wide raise fears of further environmental degradation of the aquatic environment. The second edition of this well-received book brings together and discusses the available information on all major environmental aspects of various aquaculture systems, providing a valuable aid to the preparation of environmental impact assessments of aquaculture projects and showing how potential environmental problems can be reduced or mitigated by sound

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