

Book Review

Aquaculture Biosecurity: Prevention, Control, and Eradication of Aquatic Animal Disease

A.D. Scarfe, C.S. Lee, P.J. O'Brian:

Blackwell Publishing, Ames, IO, USA (2006). 182 pages, hardback, ISBN 978-0-81-380539-2, \$140

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This book is a compilation of presentations given during the aquaculture biosecurity sessions of the 2004 World Aquaculture Society (WAS) conference held in Honolulu. Based on the 30 presentations that were given during the biosecurity sessions at the WAS meeting, the book is organized into 12 chapters. Contributions in the book are authored and co-authored by individuals from international, national, and regional organizations. The majority of the authors are from the United States, with the remainder being from Australia and Canada. The majority of the authors hold government positions, with a few hailing from the private or academic sectors. As such, the book offers varied perspectives on a variety of issues.

Topics cover a range of overview articles, guidelines, and personal experiences dealing with biosecurity in the aquaculture industry, and use a diversity of species as examples. Chapters cover subjects such as risk assessment; prevention and control of aquatic animal diseases; surveillance and disease reporting; standardization and harmonization of diagnostics; and national, regional and production approaches to biosecurity. Most of the authors present general principles of biosecurity that are not tailored for a specific species.

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The most complete chapter of the book, authored by G.R. Danner and P. Merrill, deals with disinfectants and disinfection in aquaculture facilities. This chapter provides a comprehensive overview of international regulations with respect to the use, food safety, and environmental safety of these chemicals.

Though not a practical guide for developing biosecurity plans, this book does offer valuable insights into the various components necessary for developing thorough biosecurity plans for the aquaculture industry. This book will certainly serve as a primer for veterinarians, researchers, policymakers, and personnel in fisheries, aquaculture, and aquarium settings.