Record Nr. UNINA9910807194703321 Fish oil replacement and alternative lipid sources in aquaculture feeds / **Titolo** / editors, Giovanni M. Turchini, Wing-Keong Ng and Douglas Redford Tocher Boca Raton, FL,: CRC Press, c2011 Pubbl/distr/stampa Boca Raton:,: Taylor & Francis,, 2010 **ISBN** 0-429-15103-9 1-283-00452-6 9786613004529 1-4398-0863-5 Edizione [1st ed.] Descrizione fisica 1 online resource (542 p.) Altri autori (Persone) TurchiniGiovanni M NgWing-Keong TocherDouglas Redford Disciplina 639.3 Soggetti Fishes - Feeding and feeds Fishes - Nutrition Lipids in nutrition Lingua di pubblicazione Inglese **Formato** Materiale a stampa Livello bibliografico Monografia Note generali A CRC title. Includes bibliographical references and index. Nota di bibliografia Nota di contenuto Front cover; Cover Photo Credits; Contents; Preface; About the Editors; Contributors; List of Abbreviations; Chapter 1. Fish Oils in Aquaculture; Chapter 2. Lipids in Aquafeeds; Chapter 3. The World's Oils and Fats; Chapter 4. Palm Oil and Saturated Fatty Acid-Rich Vegetable Oils; Chapter 5. Soybean Oil and Other n-6 Polyunsaturated Fatty Acid-Rich Vegetable Oils: Chapter 6. Rapeseed (Canola) Oil and Other Monounsaturated Fatty Acid-Rich Vegetable Oils; Chapter 7. n-3 Polyunsaturated Fatty Acid-Rich Vegetable Oils and Blends: Chapter 8. Terrestrial Animal Fats Chapter 9. Alternative Marine ResourcesChapter 10. New Alternative n-3 Long-Chain Polyunsaturated Fatty Acid-Rich Oil Sources; Chapter 11. Minor Components in Fish Oil and Alternative Oils with Potential

Physiological Effect; Chapter 12. Fish Oil Replacement in Starter, Grow-Out, and Finishing Feeds for Farmed Aquatic Animals; Chapter 13. The

Effects of Fish Oil Replacement on Lipid Metabolism of Fish; Chapter 14. Welfare and Health of Fish Fed Vegetable Oils as Alternative Lipid Sources to Fish Oil

Chapter 15. The Effects of Fish Oil Replacement on Nutritional and Organoleptic Qualities of Farmed FishBack cover

Sommario/riassunto

Experts are predicting that demand for marine fish oil will soon outstrip supply, creating extreme urgency within the global aquafeed industry to find viable alternatives. Fish Oil Replacement and Alternative Lipid Sources in Aquaculture Feeds is the first comprehensive review of this multifaceted, complex issue. It also addresses the crucial questions about whether or not the industry will be able to meet increasing worldwide demand for fisheries products. The First & Only Book Specifically Addressing this Issue With contribution