

BLUE HARVEST

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Dr. A. Aswartha Narayana

Assistant Professor
Department of Aquaculture
Andhra Kesari University, Andhra Pradesh

Dr. B. Suresh

Assistant Professor
Department of Aquaculture
Andhra Kesari University, Andhra Pradesh

Dr. Lalitha Vinnakota

Assistant in Biological Science
MPL HS (WC) MGLM,
Mangalagiri, Guntur, Andhra Pradesh

Dr. Aishwarya Sharma

Assistant Professor
Department of Zoology
Abhilashi University, H.P.

Dr. N.Sreevalli

Guest Faculty
Department of Zoology
Bangalore University, Bangalore



VITAL BIOTECH PUBLICATION

Kota, Rajasthan, India

<http://www.vitalbiotech.org/bookpublication/>

An International Publishers

VITAL BIOTECH get Accredited by following International organization



<https://www.portico.org/publishers/vital/>

101 Greenwich Street, 18th Floor
New York, NY 10006

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Published by Vital Biotech Publication

First Edition: 2026

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Product Form:

Digital download, online and hard bound

Edition:

ISBN: 978-93-48793-89-8

Head, Production (Higher Education and Professional) & Publishing Director

Dr. Jitendra Mehta

Product Manager

Dr. Manoj Kumar Jhariya

General Manager

Jaya Mehta

Graphic Designer

Aman Saxena

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Office Address:

VITAL BIOTECH PUBLICATION

772, Basant Vihar, Kota,

Rajasthan-324009 India

Visit us at: <http://www.vitalbiotech.org>

Contact No. +91-9784677044

Printed at: Vital Biotech Publication, Kota

Preface

The oceans, rivers, and coastal ecosystems of our planet are not only vast reservoirs of biodiversity but also vital engines of economic growth and human well-being. *Blue Harvest* emerges at a time when the need to balance economic utilization with ecological responsibility has never been more urgent. The concept of the blue economy offers a transformative pathway—one that integrates sustainable fisheries, marine conservation, and inclusive livelihoods.

This book is designed to provide a comprehensive understanding of the principles, practices, and policies that underpin sustainable fisheries within the broader framework of the blue economy. It explores the dynamic relationship between aquatic resources and socio-economic development, highlighting innovative approaches, technological advancements, and governance models that promote sustainability.

Special emphasis is placed on addressing contemporary challenges such as overfishing, climate change, habitat degradation, and resource conflicts, while also showcasing opportunities for enhancing productivity, resilience, and equity in fisheries and aquaculture sectors. The book aims to serve as a valuable resource for students, researchers, policymakers, and practitioners engaged in fisheries science, marine studies, and environmental management.

By bridging scientific knowledge with practical insights, this work aspires to contribute to a future where aquatic resources are utilized responsibly, ensuring food security, economic prosperity, and ecological integrity for generations to come.

Dr. A. Aswartha Narayana
Dr. B. Suresh
Dr. Lalitha Vinnakota
Dr. Aishwarya Sharma
Dr. N.Sreevalli

Dated - 20 May, 2026

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