

AQUAFOCUS

Dedicated to

**Aquaculture
Research &
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FOUNDATION FOR AQUACULTURE INNOVATIONS & TECHNOLOGY TRANSFER

As we venture into the vibrant and ever-changing world of aquaculture, I am delighted to welcome you to the newest issue of Aquafocus. Serving as the Editor-in-Chief of this magazine is a profound honor, and I am eager to share with you the latest developments, insights, and trends that shape the aquaculture industry.

Aquafocus continues to grow alongside the aquaculture sector, constantly improving and broadening our content to address the dynamic needs of this field. Our goal is to cultivate a community of informed professionals dedicated to the health of aquatic environments and the sustainable practices of aquaculture production.

We encourage everyone to participate and share their views as we embark on this fascinating journey together. The aquaculture community, with its shared dedication to providing sustainable seafood to the increasing global population, is a powerful force. Aquafocus is committed to being your reliable source for thorough research and up-to-date information, and we are excited to be part of this collaborative effort.

In this edition, we are excited to offer a variety of articles that explore the transformative aspects of aquaculture, presenting new perspectives and innovative approaches within the industry.

In this edition of Aquafocus, we provide practical insights into various topics that highlight challenges and innovations within the aquaculture sector. Our feature articles delve into the complexities of *Vibrio* diseases affecting shrimp aquaculture with a detailed analysis of the virulence factors of various *Vibrio* species. We also examine the technological advancements in shrimp feed production at Srineedhi Feeds, where cutting-edge machinery and artificial intelligence play a pivotal role. Additionally, we explore using natural remedies like turmeric and neem for their antiviral properties in shrimp farming. Our case studies provide real-world insights, including the journey of young Haryana entrepreneurs who are navigating shrimp farming challenges with FAITT's support to enhance their practices and productivity. We also discuss using HDPE and PVC pond liners that help prevent soil-water interaction, significantly improving biosecurity and farm productivity. Moreover, we provide technical insights into the shrimp microbiome, emphasizing how environmental factors influence its composition and the health of shrimp, empowering you with the knowledge to make informed decisions in your aquaculture practices.

From sustainable alternatives to cutting-edge technology, we cover trends and innovations shaping the industry's future. We're here to keep you informed and inspired as we work together towards a sustainable future.

Happy reading!

Editor-in-Chief, Aquafocus