

# Souvenir

## FishTech-19

### Fishery Waste Management: Challenges and Business Opportunities in Gujarat

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**2019**



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## ***Produced by:***

Veraval Research Centre of ICAR-CIFT  
Matsyabhavan, Bhidia  
Gujarat-362 269

## ***Citation Example***

Elavarasan, K. and Hanjabam M. D. (2019). Protein and Protein Derivatives from Secondary Raw Material of Aquatic Origin-An Industrial Perspective. In: (Toms C. Joseph., Ashish Kumar Jha., Renuka, V., Remya, S., Eds.). FishTech-19, Fishery Waste Management: Challenges and Business Opportunities in Gujarat-Souvenir. Veraval Research Centre of ICAR-CIFT, Veraval, Gujarat, 10 July, 2019, pp. 46-72.



## **Foreword**

With the advent of new technology and scientific culture, the global fish production has reached to a new height. The global fish production peaked at about 171 million tonnes in 2016, where 90.9 million tonnes were contributed by capture fisheries and 80 million tonnes from aquaculture. The increase in fish production is important to overcome the challenges of poverty alleviation and hunger, but also has raised the concern of waste production. It is estimated that out of 171 MT of fish production, only 151 MT is used for human consumption, leaving behind almost 20 MT for non food uses. Study reveals that more than 50 % of fish tissues including fins, heads, skin, viscera and bones are discarded as fish wastes. Currently, fishwaste is not only causing economic loss, but also contributes towards environmental pollution. In spite of use of low value fish for aquafeed, there is huge mass remaining, which is traditionally considered as low value unused or underused. From the unused fishery waste, a significant amount of bioactive compounds can be extracted. FishTech-19 is one among the series of seminars that ICAR-CIFT conducts for creating awareness on better utilization of fishery waste. This seminar is envisaged as a knowledge sharing platform to provide technological interventions in the area of fishery waste utilization for seafood exporters, entrepreneurs and fishermen of Gujarat. I am sure that the seminar will provide an insight into the changing trends in methods for utilization of fish processing wastes, especially to recover pharmacologically important bio-molecules.

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Veraval  
10.07.2019