

Full Text from Publisher



Save to EndNote online

Add to Marked List

◀ 1 of 1 ▶

Current Issues in Aquaculture: Lessons from Malaysia

By: [Fathi, S](#) (Fathi, Sharihan)^[1]; [Harun, AN](#) (Harun, Aizul Nahar)^[1]; [Rambat, S](#) (Rambat, Shuib)^[1]; [Tukiran, NA](#) (Tukiran, Nur Azira)^[2]

ADVANCED SCIENCE LETTERS

Volume: 24 Issue: 1 Pages: 503-505

DOI: 10.1166/asl.2018.12051

Published: JAN 2018

Document Type: Proceedings Paper

[View Journal Impact](#)

Conference

Conference: International Conference on Social Sciences and Education (ICSSE)

Location: Bandung, INDONESIA

Date: NOV 21-23, 2017

Abstract

Aquaculture in Malaysia has become a top 15 of global producers with 521,000 tonnes of total aquaculture production. As a world producer, it is crucial to learn the foundation and current challenges encountered by the sector. This paper address six major issues and challenges of the aquaculture sector in Malaysia specifically issues of fish stock depletion, climate changes, current diseases, media influences in the sector, non-compliance feeding practiced and poor interaction between stakeholders. The methodology involves searching the divergent trusted database and related information using a most popular search engine that covers selected journals including resources from fisheries authorities: Department of Fisheries Malaysia, Food, and Agriculture Organization of The United Nation and WorldFish Center. A combination of this findings, newest technology application will be suggested as accurate and timely information on managing aquaculture systems.

Keywords

Author Keywords: [Current Issue](#); [Aquaculture Scenario](#); [Aquaculture](#); [Malaysian Aquaculture](#)

KeyWords Plus: [FISH](#); [IDENTIFICATION](#); [INFORMATION](#); [TILAPIA](#); [VIRUS](#); [EGYPT](#)

Author Information

Reprint Address: [Fathi, S](#) (reprint author)

[UTM, MJIIT, Johor Baharu, Malaysia.](#)

Addresses:

[1] [UTM, MJIIT, Johor Baharu, Malaysia](#)

[2] [IIUM, Int Inst Halal Res & Training INHART, Selangor, Malaysia](#)

Funding

Funding Agency	Grant Number
Universiti Teknologi Malaysia	

[View funding text](#)

Publisher

AMER SCIENTIFIC PUBLISHERS, 26650 THE OLD RD, STE 208, VALENCIA, CA 91381-0751 USA

Categories / Classification

Research Areas: [Science & Technology - Other Topics](#)

Web of Science Categories: [Multidisciplinary Sciences](#)

[See more data fields](#)

Citation Network

In Web of Science Core Collection

0

Times Cited

 [Create Citation Alert](#)

38

Cited References

[View Related Records](#)

Use in Web of Science

Web of Science Usage Count

3

Last 180 Days

3

Since 2013

[Learn more](#)

This record is from:

Web of Science Core Collection

- Conference Proceedings Citation Index-Science

[Suggest a correction](#)

If you would like to improve the quality of the data in this record, please suggest a correction.

Cited References: 38Showing 30 of 38 [View All in Cited References page](#)*(from Web of Science Core Collection)*

1. **Penemuan ikan tilapia diberi makan babi** Times Cited: 1
 By: Ahmad, S.; Hamdan, N. M.
 Sinar Online Published: December 1000
 URL: <http://www.sinarharian.com.my/>

2. Title: [not available] Times Cited: 13
 By: Allison, E.H.
 Aquaculture, Fisheries, Poverty and Food Security & VERBAR; WorldFish Publications Published: 2011
 WWW Document Accessed date: 2 February 2018
 Publisher: The WorldFish Center, Penang, Malaysia
 URL: <https://www.worldfishcenter.org/content/aquaculture-fisheries-poverty-and-food-security-0>

3. **An holistic approach to fish stock identification** Times Cited: 275
 By: Begg, GA; Waldman, JR
 FISHERIES RESEARCH Volume: 43 Issue: 1-3 Pages: 35-44 Published: OCT 1999

4. **Feeding 9 billion by 2050-Putting fish back on the menu** Times Cited: 75
 By: Bene, Christophe; Barange, Manuel; Subasinghe, Rohana; et al.
 FOOD SECURITY Volume: 7 Issue: 2 Pages: 261-274 Published: APR 2015

5. **Genetic improvement of farmed tilapias: Response to five generations of selection for increased body weight at harvest in Oreochromis niloticus and the further impact of the project** Times Cited: 4
 By: Bentsen, Hans B.; Gjerde, Bjarne; Eknath, Ambekar E.; et al.
 AQUACULTURE Volume: 468 Pages: 206-217 Part: 1 Published: FEB 1 2017

6. **Solar-dried kelp as potential feed in sea urchin aquaculture** Times Cited: 2
 By: Carrier, Tyler J.; Eddy, Stephen D.; Redmond, Sarah
 AQUACULTURE INTERNATIONAL Volume: 25 Issue: 1 Pages: 355-366 Published: FEB 2017

7. **Increasing fish farm profitability through aquaculture best management practice training in Egypt** Times Cited: 4
 By: Dickson, Malcolm; Nasr-Allah, Ahmed; Kenawy, Diaa; et al.
 AQUACULTURE Volume: 465 Pages: 172-178 Published: DEC 1 2016

8. Title: [not available] Times Cited: 1
 Group Author(s): DOF
 National Plan of Action for the Management of Fishing Capacity in Malaysia (Plan 2) Published: 2015
 Retrieved from
 Publisher: DOF, Putrajaya, Malaysia

9. Title: [not available] Times Cited: 1
 Group Author(s): DOSM
 Selected Agricultural Indicators Published: 2016
 Retrieved March 2017, from 2016
 Publisher: Department of Statistics Malaysia, Malaysia

10. Title: [not available] Times Cited: 1
 Group Author(s): Dr. Axe
 Eating Tilapia is Worse than Eating Bacon Published: 2012

11. Title: [not available] Times Cited: 1
 Group Author(s): DSM
 MS 1500: 2009-Halal Food Published: 2014
 Retrieved from