

Aquaculture set to overtake global fisheries, says author of new book

13 April 2012

With aquaculture on track to overtake global fisheries, a new aquaculture book from The University of Queensland will help industry and students look to the future.

The second edition of *Aquaculture: Farming Aquatic Animals and Plants* dives into the culture of fish, shellfish and algae in freshwater and marine environments.

UQ Adjunct Professor John Lucas from the [School of Biological Sciences](#) co-authored the edition with Paul Southgate, and says the aquaculture industry will soon be the primary way aquatic food and products are sourced.

"Aquaculture is a multi-billion dollar global industry that is rapidly overtaking global fisheries production," says Professor Lucas.

"Just as agriculture took over from hunting and gathering, aquaculture will overtake fisheries as the main source of animal and plant products from aquatic environments."

Aquaculture: Farming Aquatic Animals and Plants covers all major aspects of the culture of fish, shellfish and algae in freshwater and marine environments. It is an expanded and fully updated new version of the successful first edition.

The text covers a range of topics important to aquaculturists, such as water quality, environmental impacts, genetics and stock improvement, nutrition and feeds production, diseases and vaccination, post-harvest technology, economics and marketing, and future developments.

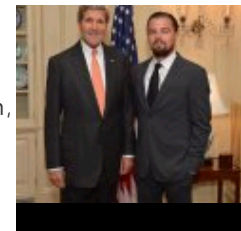
Individual chapters cover the culture of algae, carp, salmon, tilapia, catfish, marine and brackish fish, soft-shelled turtles, marine shrimp, mitten crabs, freshwater prawns, oysters and clams, sea snails, and ornamental fish.

The book also highlights China's strength in aquaculture, featuring aquaculture products unfamiliar to some Western consumers.

Aquaculture: Farming Aquatic Animals and Plants is a major text for student courses and it has commercial information for fish farmers, hatchery managers and those supplying the aquaculture industry, such as feeds manufacturers.

For Media: John Lucas is an Adjunct Professor in the Centre for Marine Science, [School of Biological Sciences](#), University of Queensland, Australia. Paul Southgate is Professor of Aquaculture in the

GLOBAL CHANGE

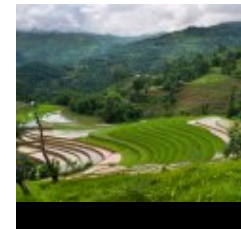


UQ researcher joins superstar line-up at US oceans

conference 19 June 2014

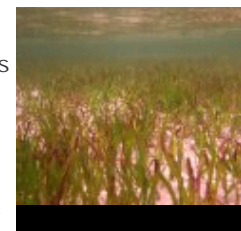
UQ and climate change research

20 May 2014



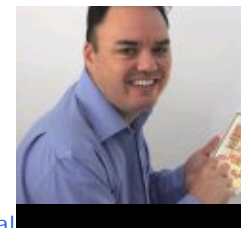
UQ serves up award-winning research

13 May 2014



Law could fail to protect vulnerable marine life, UQ scientists

warn 24 January 2014



UQ climate change paper has the whole world talking 16

January 2014

Media contact: Tracey Franchi, Manager Communications, School of Biological Sciences (07 3365 4831 or t.franchi@uq.edu.au)

Share link:

<http://tinyurl.com/q3u3hlu>



Subscribe to the UQ News weekly newsletter

Subscribe

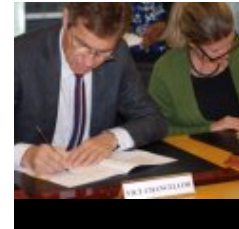


Scientists warn: Climate change inaction betrays the young

4 December 2013

Australia needs carbon price plus direct action: UQ report

21 November 2013



UQ, World Bank and partners aim to unlock wealth streams in

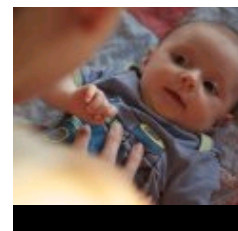
East Asia-Pacific

7 November 2013

Early action could save seagrass meadows, researchers say 25 September 2013

RECENT HEADLINES

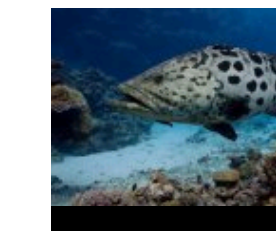
● **Climate change not so global** 4 August 2014



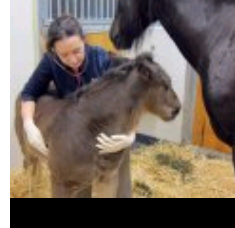
UQ experts for World

Breastfeeding Week - 1 to 7 August

1 August 2014



●



Hay hay
hay, UQ
Equine
Hospital
marks

horses'
birthday 1

August 2014

[More headlines](#)

[Home](#) › [Aquaculture set to overtake global fisheries, says author of new book](#)

A MEMBER OF



[Privacy & Terms of use](#) | [Feedback](#)

Authorised by: Director, Office of
Marketing and Communications
ABN: 63 942 912 684
GRICOS Provider No: 00025B

QUICK LINKS

- [➔ For Media](#)
- [➔ Emergency Contact](#)

SOCIAL MEDIA

NEED HELP?

EMERGENCY

[3365 3333](#)

EXPLORE

- [➔ Giving to UQ](#)
- [➔ Faculties & Divisions](#)
- [➔ UQ Jobs](#)
- [➔ UQ Contacts](#)
- [➔ Services & Facilities](#)
- [➔ Login](#)

Brisbane St Lucia, QLD 4072

+61 7 3365 1111

[Other Campuses: UQ Ipswich,
UQ Gatton, UQ Herston](#)

[Maps and Directions](#)

© 2014 The University of Queensland