



Watermark

NEWS FROM THE AQUACULTURE ASSOCIATION OF CANADA

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LINKS OF INTEREST

An Online Aquaculture Dictionary

AQUATEXT

www.aquatext.com

Pacific Aquaculture
Caucus (US)



www.pacaqua.org/

Continuing Education in
Aquatic Animal Health,
Production and
Management



www.upei.ca/cai/

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Industry Photo

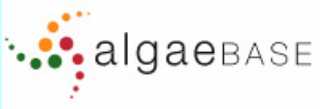
Dr. Raul Ugarte, seaweed Scientist for Acadian Seaplants, conducting a biomass assessment as part of the company's seaweed management strategy.



Do you have a good photograph of 'Aquaculturists in action'? Email it to us and we'll post it in the Watermark.



"Listing the World's Algae"



www.algaebase.org

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"Just the Facts Ma'am"

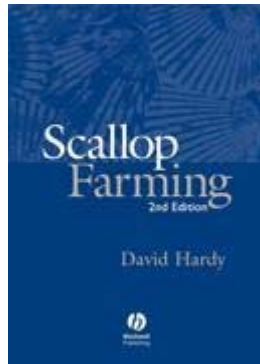
The 2006 NOAA Report of the 'Status of U.S. Fisheries', reported population levels and harvest rates for marine species 3 - 200 miles off U.S. coasts. The number of stocks subject to overfishing has increased from 45 in 2005 to 48 in 2006, and the number of overfished stocks has increased from 43 to 47. These account for approximately 25% of the stocks assessed.



(NOAA 2007:

www.nmfs.noaa.gov/sfa/domes_fish/StatusofFisheries/2006/2006RTCFinal_Report.pdf)

AAC Book Review: There's Two !



Scallop Farming (2nd Edition)

Blackwell Publishing Ltd.

David Hardy's *Scallop Farming (2nd ed.)* serves as an 'all-purpose' guide to not only scallop farming, but also shellfish farming in general. This book is suitable for veteran farmers, students and new entrepreneurs. Introductory chapters give an important overview of the shellfish farming environment and the organisms themselves. Following chapters familiarize readers with basic coastal oceanography, and the biology and ecology of the scallop. Other chapters provide a solid foundation for entrepreneur farmers starting a new scallop farm. Important details on site selection, set-up, infrastructure, mooring, site upkeep, methods of cultivation (with pros and cons), and the overall logistics of scallop farming are provided. There is a noteworthy chapter on spat collection. This chapter explores larval monitoring techniques and collection methodology. Such information is important for optimizing farm productivity and the importance of annual implementation is emphasized.

Overall, Hardy's book is an important reference tool for those interested in shellfish farming techniques and practices. While it provides vital introductory information for industry newcomers, it will no doubt expose experienced farmers to some new ideas. This book could be a good catalyst for renewing interest in scallop farming.

By Matt Liutkus and Joanne Power (Matt and Joanne are M.Sc. students from University of New Brunswick, working out of, St. Andrews Biological Station)



AAC Ball Caps, only \$12 each, plus postage. To place an order for this or other AAC/Aquaculture Canada merchandise, please [EMAIL THE AAC](#)

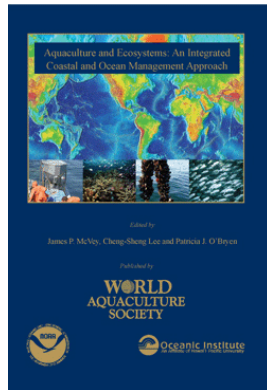
[Download a membership application](#)



Opinion & Information

Droplets

[Email us](#) with your thoughts on anything from this newsletter to your opinion on the state of the industry today.



Aquaculture and Ecosystems: An Integrated Coastal and Ocean Management Approach

World Aquaculture Society, NOAA and the Oceanic Institute

This timely publication focuses on the 'holistic fit' of aquaculture within coastal resources and management. The book expands on presentations from a 2005, multi-organizational workshop; 'The Role of Aquaculture in Integrated Coastal Management: An Ecosystem Approach'. "Workshop participants were asked to update the information on aquaculture in their respective countries and ... revise the specific working scenarios in international perspectives they had presented at the workshop". Consequently the book's chapters are largely partitioned by country, which include: Canada, China, Japan, South Korea, The United States, and Viet Nam (Chile, Sweden, Malaysia and Taiwan are consolidated in a single chapter). These chapters follow a similar structure; profiling the industry background, successes and challenges, current status, and future direction for ecosystem based management. They are particularly useful for managers and policy makers as a 'one stop scoping exercise', on the status of coastal aquaculture management in different countries. Challenges between countries are quite similar, but strategies differ on solution implementation.

The real meat of this book is in the last three chapters on, guiding principles for an ecosystem-based approach, models and mariculture; and considerations for coastal managers. These are great summary chapters, and despite the inherent complexity of the subject areas, are not overly technical.

An interesting re-occurring theme throughout the book; is that future expansion of aquaculture can only occur if aquaculture is considered a legitimate user of coastal resources and is fully integrated into coastal ecosystems with all due considerations. This book will be a great addition to the libraries of aquaculture stakeholders everywhere.

by Gregor K. Reid

(Gregor is a Post Doctoral Fellow with the University of New Brunswick and, Fisheries and Oceans Canada)

AAC Salutes its Donors to the Student Endowment Fund

The following members and supporters of the AAC have recently made donations to the Student Endowment Fund (which provides scholarships, travel bursaries, and best paper, to students)

Aquaculture Committee (Atlantic Provinces Council on the Sciences),
Aquaculture Centre (University of Guelph), Duane Barker, Susan Bower, Neil Bourne, John Burka,
Aaron Cottreau, Canadian Aquaculture Industry Alliance, Cyr Couturier, DeJager Aqualogic, Matt
Gross, Linda Hiemstra, Julian Hynes, Alan Kenney, Wolfgang Kusser, René Lavoie, Jennifer Lee,
Chris Oikawa, Jay Parsons, Iola Price, and Karen Smith

Thank you

News on the Web

Newfoundland and Labrador government moving forward with new aquaculture infrastructure on province's south coast

(NL News release, August 24, 2007)

www.releases.gov.nl.ca/releases/2007/fishaq/0824n03.htm

Stakeholder views sought at major offshore aquaculture workshop

(FishUpdate, August 24, 2007)

www.fishupdate.com/news/fullstory.php/aid/8306/Stakeholder_views_sought_at_major_offshore_aquaculture_workshop.html

Salmon farm approved, geoduck proposal nixed

(Times Colonist, September 4, 2007)

<http://www.canada.com/victoriatimescolonist/news/story.html?id=82c79c81-3c3c-4a91-9674-253b3e0411ea>

Upcoming Events

- **Aquaculture Canada 2007**
Edmonton, Alberta (September 23-26, 2007)
www.aquacultureassociation.ca/ac07
- **InnoVet 2007**
Charlottetown, PEI (October 14-16, 2007)
<http://www.innovet.ca>
- **Aquaculture Europe 2007**
Istanbul, Turkey (October 24-27, 2007)
www.easonline.org
- **World Aquaculture 2008**
Busan, South Korea (May 19-23, 2008)
www.was.org/meetings/WasMeetings.asp

AAC Supporting Members: An Integral Part of the Organization

Corey Feed Mills Ltd.

www.corey.ca

PEI Business Development Inc.

www.peibusinessdevelopment.com

Truefoam Ltd.

www.truefoam.com

Glitner Bank

www.glitnir.is/english/AboutGlitnir/Global/Canada/

Hatfield Consultants

www.hatfieldgroup.com

Hoskin Scientific Ltd.

www.hoskin.ca

24th Annual Meeting of the AAC

Aquaculture Canada^{OM} 2007

23-26 September, 2007

*Shaw Conference Centre
Edmonton, Alberta*



Trade Show (Sep 24th-25th)

Booth space is limited **only a few booths left** – reserve now!
Tel: 250-756-4862, E-mail: hiemstras@shaw.ca

Atlantic Genome Reception and Gala Evening (Sep 25th)

Attend the hosted **Atlantic Genome Reception** in Hall D with full views of the river and city. Follow the reception with a Gala evening featuring a Chef prepared meal of local products and the highly entertaining Edmonton Festival City Road Show – an extravaganza of some of Alberta's finest talent. \$60/person, advance ticket sales only.

The Tour

See the Real Alberta – Warm-water and cold-water recirculation aquaculture facilities, a super-sized working grain elevator, a buffalo/beef/tilapia BBQ

Sep 27th, \$100/person, advance ticket sales only.

www.aquacultureassociation.ca/ac07

Visit our website for complete information on:

Program - Registration & Delegate Information - Trade Show - Industry Tours
Social Events - Student Awards - Sponsorship

www.aquacultureassociation.ca/ac07

Plenary Presentations

The Challenge to Develop Aquatic Resources to Secure Economic Prosperity while Maintaining Social Approval

Hon. A. Brian Peckford

Public Concerns and Policy Development for Aquaculture

Hon. David Anderson

Creating an Industry Model for Addressing Environmental Issues and Achieving Business Benefits - Rebecca Goldberg, California

Environmental Defence Fund

Aquaculture Canada 07 Special Sessions

- Moving Aquaculture Outside the Box
- Science and Policy
- Aquaculture Health Management
- Talking About Aquaculture Workshop with Jocelyn Fraser, Communicate Public Affairs
- Educating Workers and the Community
- R&D Coordination

2nd National Freshwater Symposium

- Aquaponics (Combining Aquaculture & Hydroponics) - Profits from Natural Effluent Treatment
- Fish Health Management in Freshwater Aquaculture
- Diversification of Freshwater Production
- Environmental Aspects of Freshwater Cage Farming
- Fish Nutrition, Feeds and Feeding
- Freshwater Aquaculture Development in Canada and Freshwater Aquaculture Potential in Canada



**The AC'07
Student Affairs
Committee is
proud to present:**

Aquaculture BBQ

- **WHERE:** Joe Brown Student BBQ
 - Rose and Crown Pub,
Sutton Place Hotel, 10235-101 St. NW, Edmonton
- **WHEN:** September 24th, 6:00 pm

Watch and get in on the fun as AC'07 conference delegates go head to head, performing their karaoke favourites while being judged by a panel of AAC's professional musicians!

*Plenty of prizes to be won and fun to be had at the Annual Joe Brown BBQ!
{ BBQ Tickets \$25 }*