



# Update

Electronic Newsletter for AquaNet Members  
February 15, 2003

## Important Dates

**February 18-20, 2003 Ottawa ON**  
Research Management Committee Meeting  
to review all applications

**March 1, 2003 Halifax, NS**  
Social and Economic Theme Meeting

**March 14, 2003 Toronto, ON**  
Board of Directors Meeting  
to review RMC recommendations

**October 22-25, 2003**  
AquaNet III  
Vancouver, BC

strategic framework is based on three underlying principles, *innovation*, *risk management* and *traditional and local ecological knowledge*. This new framework will also be reflective of the aquaculture sector's phase of development and apply an interdisciplinary and integrative approach to research questions. The strategic framework will form the foundation of AquaNet's research program, education and training, communications and business development activities. It will also serve as the basis for our increased interactions with members of the aquaculture community.

Development of the Strategic Research Framework has been the product of many consultations with Theme Leaders and the Research Management Committee. As a result, our new strategic approach to research will help focus AquaNet on its principal role of a research network, that is teaming up and coordinating Canada's top researchers in universities, government and industry, pooling skills and resources to advance and exploit leading R&D, and turning results into marketable products, processes and services.

AquaNet will invest in projects addressing key research questions to form a comprehensive, logical research portfolio that support its research goal of *fostering a sustainable aquaculture sector in Canada*

*continued on the next page*

## Announcements

### Administrative Centre

Welcome to the latest issue of **Update**. This newsletter is the main internal communications avenue for AquaNet members. The deadline for submissions is the 15th of each month. Submissions / questions can be sent to [info@aquanet.ca](mailto:info@aquanet.ca)

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### Message from the Acting Scientific Director

#### Moving the Network Forward

Following AquaNet's successful mid-term renewal, we are in the midst of some significant changes as we pursue a strategic planning process to move the network forward and position it for the second term renewal in 2006. I am pleased to announce a new Strategic Research Framework that describes AquaNet's vision now and into the future. The

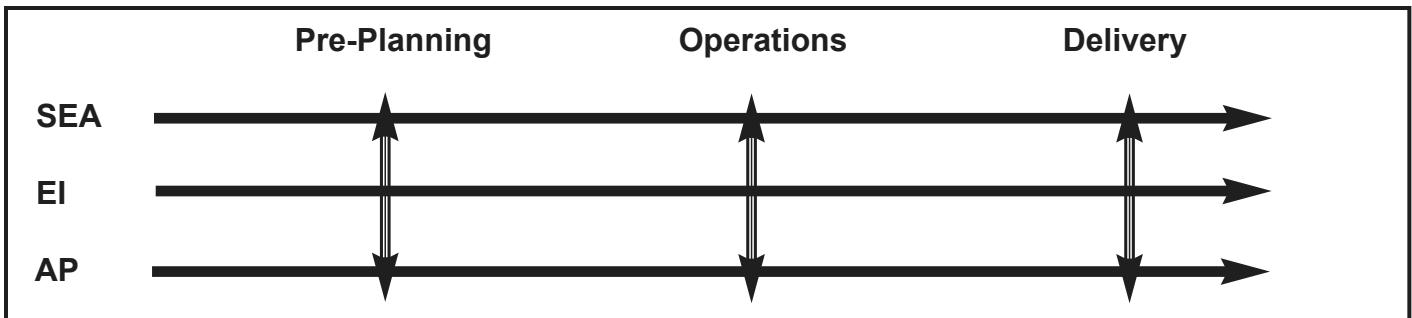
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## Message from the Acting Scientific Director (continued)

operating within environmental and social constraints through high quality research and education.

As mentioned earlier, the framework's research agenda is based on the concept of the logical steps involved in the production and sales of aquaculture products, labelled *pre-planning*, *operations* and *delivery*. Each of these three phases entails key research questions that can be associated with one of the three AquaNet themes: Social and Economic Aspects, Environmental Integrity and Animal Production to form a two-dimensional framework, and resulting in a 3X3 *Decision Matrix* for research priority areas.



The initial discussion with Theme Leaders, the RMC and the Board led to the following overall decision matrix outlining broad research issues to be addressed (Fig. 1).

**Figure 1.** Overall Research Priorities Matrix showing broad research issues by theme and sector's phase of development.

AquaNet Themes	Production Phases Pre - Planning	Operations	Delivery
<b>SEA</b>	Property rights + aquatic resource users Access rights	Case studies: experiences on each coast and interior, e.g. Great Lakes	Policy Sustainable wealth generation from aquatic resource Food safety Social knowledge
<b>EI</b>	Site selection criteria (carrying capacity / nutrient loading)	Wild vs. farmed interaction Measurement of risk	Best practices Mitigation strategies
<b>AP</b>	Sectoral relevance Innovation potential Species potential	Advanced production techniques & technologies Health management Husbandry Genetic soundness Mono vs. polyculture	Flesh quality / contaminants Human benefits

The purpose of the overarching matrix is to link each of the nine research priority cells to form *research clusters* that span the three operational stages and entail AquaNet's social, environmental and animal production focused themes. The framework enables each research theme to form a coherent research agenda that covers aspects from "conception to consumption".

As a member and/or partner of AquaNet, I encourage you to join me in taking a long-term, network-focused approach where your activities form an integrative part to help move the network forward to achieve its mission and goals of fostering a sustainable aquaculture sector.

Dr. R. Scott McKinley

## AquaNet's New Policy on Carry Forward of Research Funds

As reported earlier, AquaNet's Board of Directors has approved a change in policy on the issue of carry-forward of unused research funds at the end of a fiscal year. The policy is effective for 2002-2003 and future fiscal years. Investigators may now automatically carry forward 20% of their annual budget and may apply to AquaNet to carry forward any additional amounts.

All currently-funded research projects are due to end on March 31, 2003. If the balance remaining in a research account at the end of the fiscal year is greater than 20% and the project will be extended into 2003-2004, the investigator may apply to the Research Management Committee to retain these additional funds if they are needed to meet the milestones set by the research team.

**Please note: The application process will take place in late April or early May.** On March 31, 2003, universities will carry forward 20% of annual budgets remaining in research accounts and will freeze any remaining funds until further notice from AquaNet. The RMC will then have the opportunity to review progress reports and applications to retain additional funds in May and make recommendations on such to the Board. The approval process will be completed by June.

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### Reminder for the SEA Theme

The Social and Economic Theme will be meeting on March 1 in Halifax, NS. This is immediately following the Law and Policy Workshop organized by the members of the SEA 4 project. If you plan to attend the Theme meeting, please contact Dr. Jean-Paul Vanderlinden (Theme Leader) as soon as possible at [vandrejp@umoncton.ca](mailto:vandrejp@umoncton.ca)

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### AquaNet III

The venue and date for the next AquaNet Annual Research Conference have been set. AquaNet III will occur October 22-25, 2003 at the Hyatt Regency in Vancouver, BC.

**So mark your calendar now!!**

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## AquaNet - Fiskeriforskning Agreement

On February 5, 2003, AquaNet and the Norwegian Fiskeriforskning, an internationally recognised leading Institute of Fisheries and Aquaculture Research, signed a formal agreement for aquaculture research collaboration. The agreement was signed by Mr. David Rideout, Interim Chair, and Dr. R. Scott McKinley, Acting Scientific Director, for AquaNet, and Mr. Ola R. Valvåg, Director General, and Dr. Ivan C. Burkow, Director General of Research, for Fiskeriforskning.

AquaNet will facilitate the placement of research personnel from Fiskeriforskning into AquaNet core facilities and network research laboratories across Canada and the Norwegian Institute will receive AquaNet researchers to jointly conduct research of mutual interest. The parties share a mutual interest in advancing sustainable aquaculture for the benefit of their respective countries, are committed to the principle of research being evaluated by well-respected external scientists, and pursue partnerships with industry and government through a private organisation status. Dr. McKinley and Dr. Burkow will meet regularly to identify projects and partnering opportunities. Watch for further details in future newsletters.

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### Acknowledgement of AquaNet Funding

AquaNet researchers are reminded that those presenting research that has been funded by AquaNet, should acknowledge this in the following manner: *This research has been supported in part by funds from AquaNet, the Network of Centres of Excellence for Aquaculture.*

This text along with suitable logos can be found in the members section of the website:

[www.aquanet.ca/members/memack.html](http://www.aquanet.ca/members/memack.html)

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## Research Positions

The AquaNet Research Positions web page includes links to on-line résumés and curriculum vitas of graduate, post-doctoral and other employment candidates.

This page is also a venue for advertising graduate, post-doctoral and other employment opportunities.

Those interested in posting a résumé, curriculum vitae or employment opportunity are asked to contact Melissa Struthers, Education Officer (mstruthers@mun.ca).

To view this page visit: [www.aquanet.ca/researchpositions/positions.html](http://www.aquanet.ca/researchpositions/positions.html)

## Conference Announcements

### Canadian Aquaculture Law & Policy Workshop

February 26 - 28, 2003  
Halifax, Nova Scotia

The *Dalhousie AquaNet Law & Policy project* is preparing to host the **Canadian Aquaculture Law & Policy Workshop: Towards Principled Access and Operations**. This workshop will provide a forum for participants to exchange ideas and share information on the ever-changing legal, political, and social issues that continue to shape the aquaculture industry.

This workshop brings together high-level policy makers, industry leaders, First Nations participants and others, including AquaNet investigators from across the country, with international speakers from the United States, Australia, New Zealand, Chile and Europe.

The venue for this workshop is the Westin Hotel, located in downtown Halifax, Nova Scotia.

Follow the links below to access more information.

AquaNet Law & Policy Project  
[www.library.dal.ca/law/aquanet/alppmain.htm](http://www.library.dal.ca/law/aquanet/alppmain.htm)

Canadian Aquaculture Law & Policy Workshop  
[www.library.dal.ca/law/aquanet/whatsnew.htm](http://www.library.dal.ca/law/aquanet/whatsnew.htm)

Conference Announcement and Program  
[www.library.dal.ca/law/aquanet/aquanetbro.pdf](http://www.library.dal.ca/law/aquanet/aquanetbro.pdf)

### Cold-Harvest 2003 Cultivating a Sustainable Future

March 18 - 20, 2003  
Albatross Hotel, Gander, NL

Conference and Trade Show  
Newfoundland Aquaculture Industry Association (NAIA)

Please join us ...

NAIA's 10th Annual Conference and Trade Show

- benefit from great industry exchanges and socialising
- plus, we always build in a little fun!
- keynote presentations by internationally recognized industry leaders
- hear updates on species under culture
- learn more about the value of good public relations and marketing
- special sessions on R & D coordination
- new information regarding developmental tax credits
- and more conference info besides!
- industry trade show offers an invaluable marketplace for commerce and ideas
- your chance to impress the growing industry in this Province!

Visit our website for regular program updates.  
[www.naia.nf.net](http://www.naia.nf.net)

For more information:  
Conference Chair: Cyr Couturier  
[cyr@mi.mun.ca](mailto:cyr@mi.mun.ca) or 709-778-0609

Trade Show: Brian Power  
[bpower@naia.nf.net](mailto:bpower@naia.nf.net) or 709-754-2854

**NAIA ...the official voice of the aquaculture industry in Newfoundland & Labrador.**

### **14th International Pectinid Workshop**

April 23-29, 2003  
St. Petersburg, Florida

The 14th International Workshop on Pectinids will focus on the biology, taxonomy, reproduction, physiology, fisheries, aquaculture and economics of scallops. We invite both oral and poster presentations of topics including taxonomy, genetics, algal toxins, nutrition, growth and mortality, reproduction, larval recruitment, predation, stock assessment and restoration, diseases, aquaculture techniques and economics.

Pectinid Web Site  
<http://conference.ifas.ufl.edu/scallops>

### **Sixth International Conference on Sea Lice**

July 2 - 5, 2003  
St. Andrews, New Brunswick

The 6th International Conference on Sea Lice will focus on various aspects of sea lice, including management considerations and biology. Invited topics include: sealice management and control; Chemotherapeutants and resistance; Host response; fish health, proteonomics and vaccines; Lice biology, genetics, transmission.

The conference is co-hosted by the Huntsman Marine Science Centre and the St. Andrews Biological Station (DFO).

For further information please  
contact the following organiser:

Dr. Mark J. Costello  
The Huntsman Marine Science Centre  
[astevens@huntsmanmarine.ca](mailto:astevens@huntsmanmarine.ca)

### **The World Summit on Salmon**

June 10 - 13, 2003  
Simon Fraser University, Vancouver, BC

The world's salmon are under siege. Despite the efforts of advocates, academics, governments, fisheries managers and a concerned public, the world's salmon continue to wither under numerous environmental and economic pressures. Simon Fraser University and its partners will host a world summit on wild salmon. The summit is meant to be a special forum for the globe's leading salmon scientists, conservationists and managers.

The four main themes are:

- to review the prognosis and prospects of the world's wild salmon
- to identify knowledge gaps and directions for future research
- to advance full-cost assessment of wild salmon
- to provide a framework for action

Deadline for poster abstracts is March 15.

Early registration discount (\$125) before March 15.

Further information is available from  
The World Summit on Salmon Secretariat at

[www.sfu.ca/cstudies/science/salmon.htm](http://www.sfu.ca/cstudies/science/salmon.htm)

or contacting The Centre for Coastal Studies  
at Simon Fraser University  
604-291-4893 or [penikett@sfu.ca](mailto:penikett@sfu.ca)