

More than 180 people representing 10 countries gathered in Vancouver, British Columbia, Nov. 29-30 for [The Conservation Fund Freshwater Institute's](#) 2017 Aquaculture Innovation Workshop (AIW).

The annual summit brought together stakeholders from all facets of the RAS industry, including producers, investors, researchers and suppliers to discuss recirculating aquaculture systems (RAS) technology and industry trends. Topics included investment and the economics of land-based aquaculture, industry innovations in closed-containment systems, effective market messages, the latest technology and husbandry research, the newest entrances into land-based growout, and much more.

View presentations from the 2017 Aquaculture Innovations below:

DAY 1 PRESENTATIONS

Opening Remarks

Eric Patel, advisor to Tides Canada

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"Deep dive into land-based farming: prospects for non-conventional farming"

Tone Bjørstad Hanstad, DNB Markets

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"Investment and Economics of Land-based Aquaculture: 3000 MT/yr model"

Gary Robinson, GRV Consulting

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"Risk and return in land-based salmon aquaculture"

Jon Fitzgerald, Stope Capital Advisors

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"The business proposition for land-based production of post-smolt at Grieg Seafood"

Frode Mathisen, Grieg Seafood

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"Steelhead production in Agrimarine tanks at Lois Lake" Sean Wilton, AgriMarine Holdings

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video](#)

"Kuterra's land-based Atlantic salmon RAS project" Garry Ullstrom and Eric Hobson, Kuterra

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"Sustainable Blue's land-based Atlantic salmon RAS project" Kirk Havercroft, Sustainable Blue

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"Golden Eagle Aquaculture's land-based coho salmon RAS project" Terry Brooks, Golden Eagle Aquaculture

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[video](#)

"Northern Divine's land-based sturgeon RAS project"

Justin Henry, Henry Aquaculture Consult, Inc.

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"1st Commercial land-based Atlantic salmon farm in the USA, also includes leafy greens"

Brandon Gottsacker, Superior Fresh

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"Compelling market messaging, key learning from the marketplace"

Guy Dean, Albion Farm and Fish

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DAY 2 PRESENTATIONS

"The effect of salinity and photoperiod on Atlantic and coho salmon growth, maturation and physiological performance in RAS (24 h and 12:12)"

Colin Brauner, University of British Columbia

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"Overview of CtrlAQUA research to optimize RAS for Atlantic salmon post-smolt production"

Lill-Heidi Johansen, Nofima

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video](#)

"Overview of CtrlAQUA research in post-smolt welfare, performance, and water quality in commercial scale, floating, semi-closed containment systems: CtrAQUA Preline, Neptune and Eco-Cage"

Sigurd Handeland, Uni Research

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video](#)

"Performance of all-female Atlantic salmon in freshwater closed- containment systems"

Steven Summerfelt, The Conservation Fund's Freshwater Institute

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video](#)

"CO₂ tolerance of Atlantic salmon post-smolts in RAS"

Vasco Mota, Nofima

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video](#)

"Effects of photoperiod on Atlantic salmon post-smolt in freshwater closed-containment systems"

Chris Good, The Conservation Fund's Freshwater Institute

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[video](#)

"Production of reproductively sterile fish to eliminate maturation"

Yonathan Zohar, University of Maryland, Baltimore County

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"Effects of seawater quality on treatment of intake water for use in closed-containment aquaculture systems"

Astrid Buran Holan, Nofima (now with Aqua Optima)

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[video](#)

"Is continuous peracetic acid dosing in RAS really as good as ozone?"

John Davidson, The Conservation Fund's Freshwater Institute

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[video](#)

"Progressive improvements in salmon RAS design"

KC Hosler, Pentair AES

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[video](#)

"Progressive improvements in salmon RAS design"

Frederic Gaumet, Kruger/Kaldness/Veolia

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video](#)

"Challenging the status quo...but what about residuals?"

Lars Rohold, Scanship AS

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Closing Keynote: "Applying lessons learned from the natural food industry"

Fred Haberman, Urban Organics

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video](#)

[View all 2017 AIW videos here.](#)