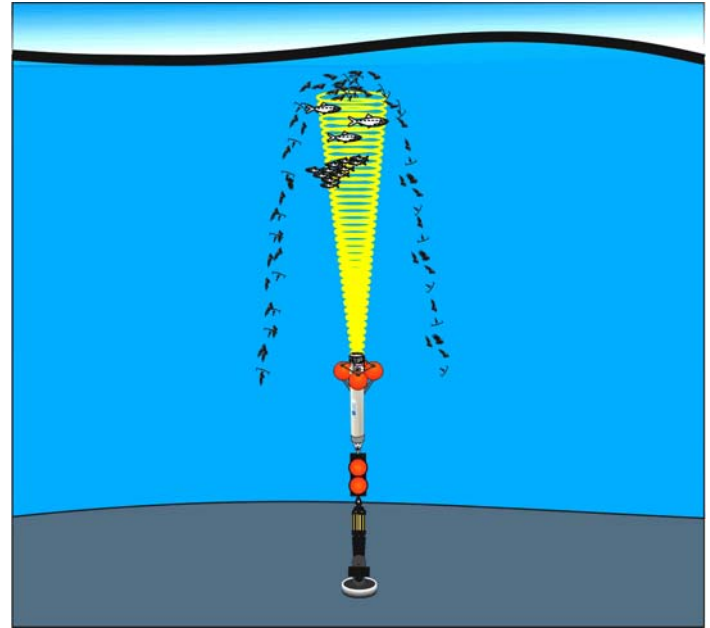


Award program for ASL's Acoustic Zooplankton Fish Profiler™ Enter ASL's contest to win the use of a battery-powered AZFP for 3 months

The goal of this open proposal program is to support the oceanographic research community by lending, free of charge*, a battery-powered AZFP 125/200/455/769kHz or 38/125/200/455kHz mooring cage and battery for a 3-month maximum deployment period along with the support from ASL's team of experts.

With the unmatched combination of multiple frequency operation with low power and extended endurance, the ASL Acoustic Zooplankton Fish Profiler™ (AZFP™) offers a new, economical way of obtaining reliable measurements of marine environmental conditions in the water column. The AZFP™

(<http://www.aslenv.com/azfp.html>) can monitor the presence and abundance of zooplankton and fish within the water column by measuring the acoustic backscatter returns at multiple ultrasonic frequencies. Other sonar targets realized from the backscatter data include bubbles and suspended sediments. The AZFP is a powerful tool for scientific research and environmental monitoring in oceans, lakes and rivers.



AZFP mooring

This instrument loan program is open to early-career scientists, engineers, graduate students, post-doctoral fellows and others involved in oceanographic or freshwater work.

To apply to this program, send a summary proposal (maximum length 3 pages) of your study and description on how it would benefit from the use of the AZFP's capabilities. The selection criteria involve a number of factors including:

- Relevance of the project: the measurements obtained should advance the understanding of physical and/or biological phenomena of importance to the ocean or freshwater bodies
- Innovation of the project
- Scientific Interest of the deployment area
- The ability of the party to deploy and recover the instrument

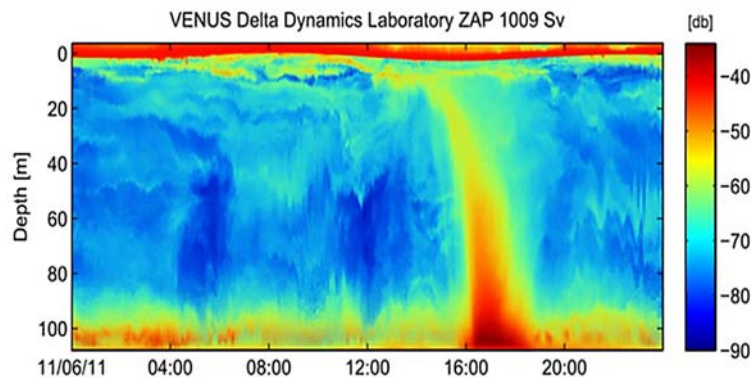
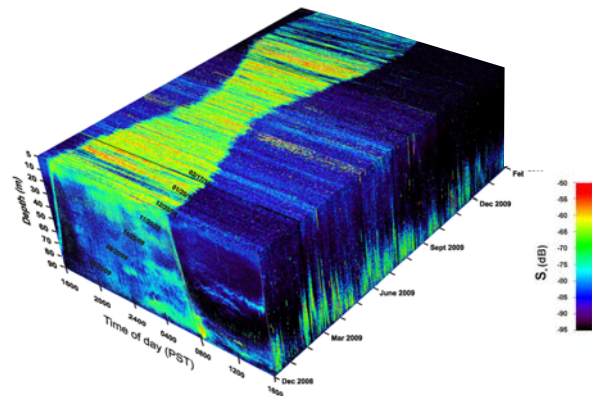
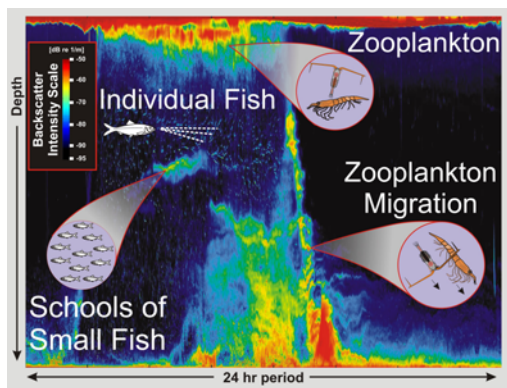
Interested applicants may send proposals before January 31st , 2016.

Address your entry to: Jan Buermans, PEng, ASL Environmental Sciences Inc.
#1-6703 Rajpur Place, Victoria, British Columbia, V8M 1Z5 Canada
T: +1 (250) 656-0177x125, E: jan@aslenv.com

See terms and conditions on next page.

Terms and Conditions:

1. The selected entry (ies) shall sign a “no-cost” lease agreement with ASL in which the selected entry shall be liable for the value of the instrument during the project.
 2. ASL will supply the required alkaline battery pack free-of-charge.
 3. ASL will pay the shipping to an international airport closest to the selected entry (ies) if outside of Canada. The selected entry (ies) shall be responsible for importing the instrument into the country and for local transportation.
 4. The selected entry (ies) shall pay for the return shipment of the equipment.
 5. The selected entry (ies) shall share field pictures and a description of the project for the ASL News Letter and/or ASL Press Releases.
 6. The lease contract shall include a clause in which the selected entry agrees to share data with ASL with publishable results.
- * The selected entry (ies) shall be responsible for importing the instrument into the country and for local transportation. The selected entry (ies) shall pay for the return shipment of the equipment.



Sediment plume falling at the mouth of the Fraser River, June 2011