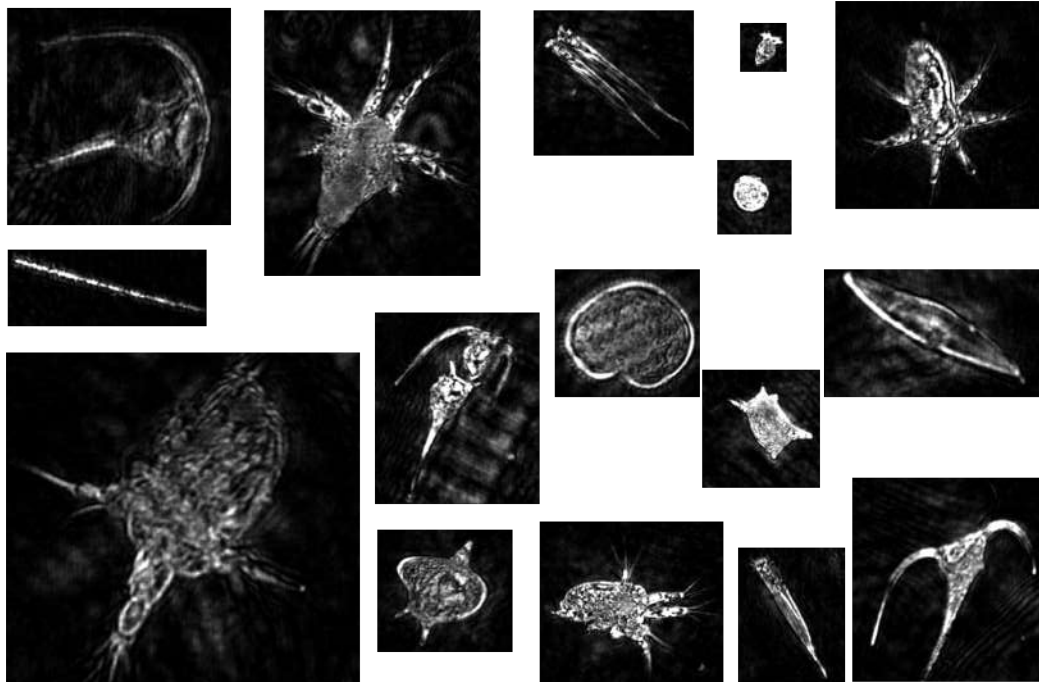




deep news

*the latest developments from
4Deep inwater imaging*



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Stingray 2.0 Release

We are happy to announce the release of Stingray 2.0, the first commercial system that uses deep neural networks to automatically identify and classify plankton.

Researchers no longer need to manually count and classify individual phytoplankton, which is a tedious and time-consuming process.

Stay tuned for our October webinar on the use of Stingray 2.0.

Interested in helping us grow our Stingray database? Email: media@4-deep.com

Stingray 2.0:

- is easy to setup and train
- can train a classifier based on your images
- uses the GPU for fast training and classification
- is based on our proprietary convolutional network configuration
- has high accuracy and performance, whereas traditional classifiers such as SVM and random forest walk fail
- can classify noisy, damaged and rotated particles

[Click here to Download Stingray 2.0](#)

Built in Canada Innovation Program

We received a purchase order through the Built in Canada Innovation Program for our newest instrument, the FluoroSea.

We are looking forward to working closely with the Department of Fisheries and Oceans to implement the first FluoroSea!

[Click here for the press release from the Canadian Government.](#)



On hand for the announcement, and pictured above are: MP Andy Fillmore, 4Deep Board Chairman Permjot Valia, 4Deep CEO Stephen Jones, Public Works representative Glenn Chamberlain, DFO Scientist Marc Ringuette and InnovaCorp's Shelley Hessian.

Peter Driscoll Joins 4Deep

4Deep inwater imaging is pleased to announce that Mr. Peter Driscoll has joined 4Deep as Vice President, Corporate Development and Strategy.

Peter is excited to be joining the team at 4Deep and to be a part of the dynamic future opportunities of the company.

[Read all the details on LinkedIn](#)



[Check out Stella's project here.](#)

Sampling with Stella

We were excited to sample in Lunenburg County with our HoloSea alongside young environmental scientist Stella Bowles.

For the past 3 years, Stella has been sampling the LaHave River across the road from her house to test the water quality.

We sampled at 2 locations along the LaHave River, as well as in Lunenburg Harbour.