A new “Lachat QuikChem 8500® Series 2 FIA System” has been recently installed in Flinders Analytical. The flow injection analyser was purchased as a major equipment item for the Faculty of Science and Engineering lead by Sophie Leterme in Biological Sciences.

The QuikChem® flow analyser system features high sample throughput with rapid method changeover. The QuikChem® 8500 Series 2 system can determine ionic species in a variety of sample types—from sub-ppb to percent concentrations. More than 500 methods are available for environmental, agronomic and industrial applications— including EPA-accepted methods. The system at Flinders Analytical has been set up to measure nitrate/nitrite, phosphate, silicate and ammonia in a range of waters, including seawater.

For more information on the complete matrices and parameters that can be measured by the system you can visit the Lachat website at [http://www.lachatinstruments.com/](http://www.lachatinstruments.com/) or speak with Dr Daniel Jardine, Facility Manager for Flinders Analytical (8201 2081; daniel.jardine@flinders.edu.au).