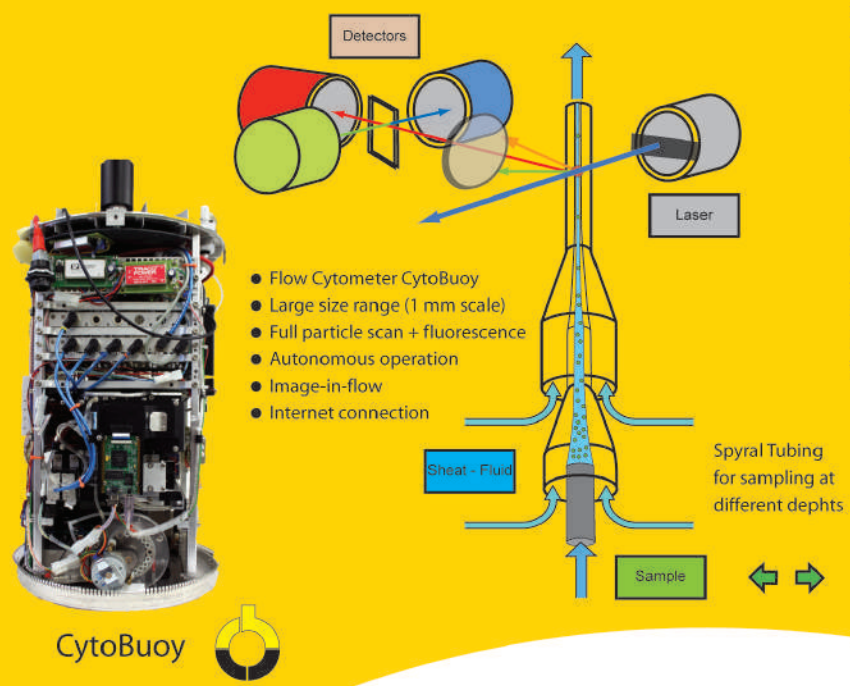


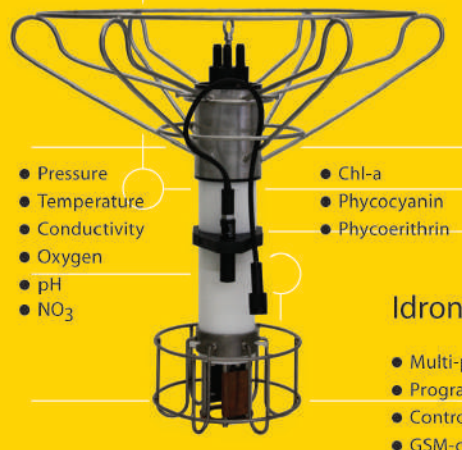
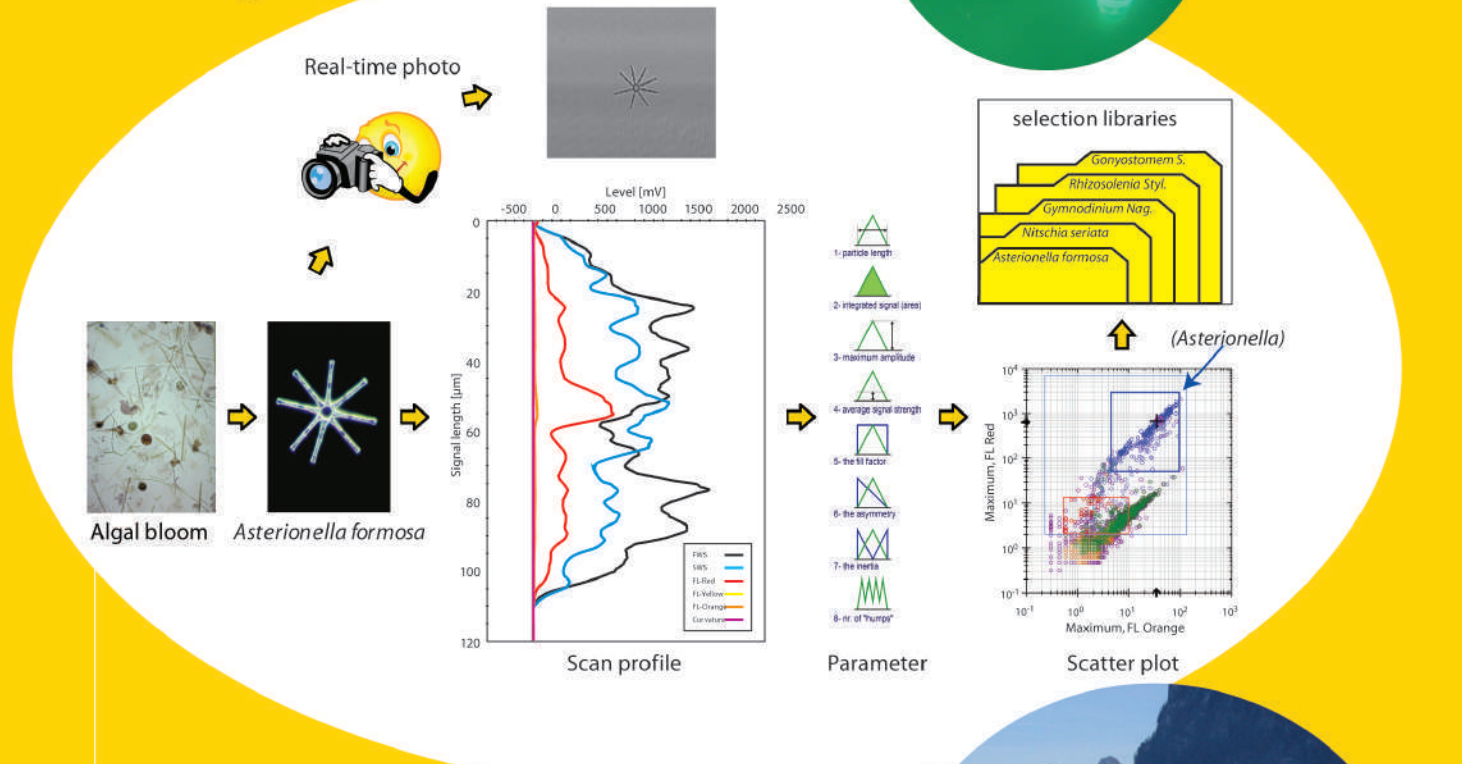
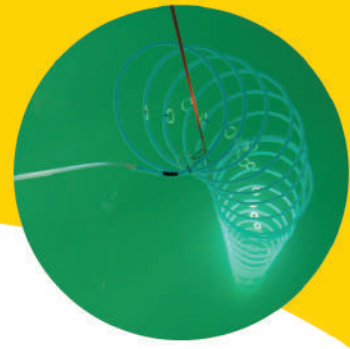
# Lake Ecology Analysis Platform



CytoBuoy

## Monitoring Understanding Predicting Plankton Dynamics

Changes in the phytoplankton community affect food-webs, functions and key services in lake ecosystems. To understand the effects of environmental change or extreme events on algal communities, we have developed a field research-platform to automatically monitor phytoplankton and water parameters at high frequency.



**Idronaut**

- Multi-parameter probe
- Programmable winch
- Controller module
- GSM-connection to land



**Aquaprobe (LEAP)**