aquaculture user consultation

European Space Agency

Programme

Thursday 31 March:
User requirements and state-of-the-art of remote sensing

08:30-09:00	Registration
09:00-09:30	Welcome and introduction, *Espen Volden*
09:30-10:45	**User requirements:** - Monitoring of water quality: a challenge for sustainability and optimal production of Norwegian aquaculture, *Trine Dale* - How remote sensing applications can be used to support aquaculture in Ireland, *Joe Silke* - Potential applications of EO in aquaculture monitoring and marine conservation in the NE Mediterranean, *Monica Demetriou* - Aquaculture activities along Western Greece and potential contribution of EO to resolve chronic problems, *Nikolaos Dimitriou* Other statements on needs and requirements and discussion
10:45-11:15	Coffee Break
11:15-12:00	**User requirements (cont.)** - Aquaculture User Consultation - Users in Finland, *Sampsa Koponen* - Aquaculture in Chile: needs and requirements, *Carlos Pessot* - Future requirements from satellite information for Chile, *Juan Pablo Belmar* Other statements on needs and requirements and discussion
12:00-13:00	Lunch
13:00-14:30	***Remote sensing applications in support of aquaculture*** - Integrated monitoring and forecasting of HAB events in coastal waters, *Lasse Pettersson* - Operational online algal risk assessment and early warning, *Hanne Kaas* - Presentation of ASIMUTH: Applied Simulations and Integrated Modelling for the understanding of Toxic Algal Blooms, *Caroline Cusack & Laia Romero* - Jellyfish forecasting tools for Aquaculture, *Charlotte O'Kelly* - Detecting and monitoring jellyfish blooms from space and Ferrybox as support to aquaculture sustainability, *Dominique Durand* - Satellite remote sensing in combination with other measurement platforms for use in operational fish farming, *Zsolt Volent*
14:30-15:00	Coffee Break
15:00-16:30	**Remote sensing applications in support of aquaculture (cont.)** - Integrated monitoring system for sustainable aquaculture in Norway, *Kai Sørensen* - Water quality and Sea Grass mapping, an opportunity for Greek Aquaculture, *Paolo Manunta* - Remote Sensing capabilities for marine and aquaculture environment, *Vassilis Tsagaris* - Fish Farm Development Index (FFDI) to Support sustainable water management in the Mekong delta – Vietnam, *Frederick Lupo* - Advances in light environment modelling and remote sensing in support of aquaculture, *John Hedley* - Methodologies, Tools and Hydrodynamic Databases for the Optimal Selection, Design and Exploitation of Aquaculture Activities, *Ana Silió Calzada*
16:30-17:30	Discussion and planning for next morning

Friday 1st April:
Consolidation of priority requirements for the ESA Aquaculture project

09:00-11:00	Preparation of user requirements and other recommendations to ESA for the new ESA Aquaculture project - parallel sessions
11:00-11:30	Coffee break
11:30-12:30	Presentation and discussion of results of parallel sessions
12:30-13:00	Conclusions and way forward