# Nordic Network for Baltic Remote Sensing

(www.NordBaltRemS.org)

- Network for co-operation between universities, industry, and government institutes (12 countries, 16 partners, 68 people)
- Organizes workshops, student exchange visits, and study and PhD training courses
- Financially supported by NordForsk 2012-2014
- Continues the work started in NordAquaRemS 2009-2011 (http://nordaquarems.org/)
- Co-ordination: Assoc. Prof. Susanne Kratzer, Stockholm University

# Requirements

- Baltic Sea is high in CDOM; makes waters dark
- We require sensors with high signal-to-noise ratio
- We require good atmospheric correction
- We require in-water models that are adpated to high CDOM absorption
- For coastal applications: adjacency correction with ICOL has shown good results
- Main algal blooms: spring bloom (diatoms and dinoflagellates); blooms of filamentous cyanobacteria in summer *(Nodularia spumigena; Aphanizomenon sp.)*
- The environmental agencies require monthly mean values of chlorophyll (level 3 products)

# Planned events

**2013**

- 2 ECTS PhD training course on spatial statistics, (Prof. Emeritus John Lewis, Montreal Canada), 30 Sept- 4 Oct 2013; venue: Tartu Observatory, Estonia. Contact: Dr. Anu Reinart: anu.reinart@aai.ee
- Annual meeting during the Baltic Sea Science Congress 2013, Klaipeda, Lithuania. 30 Aug 2013; Topic: regional differences in optical properties of the Baltic Sea. ODESA training by ACRI-ST: 31 Aug 2013; Contact: Dr. Diana Vaičiūtė: diana@corpi.ku.lt

**2014** (preliminary plans):

- PhD training course on sea-truthing, May 2014, Askö Laboartory, Sweden (organized by Susanne Kratzer)
- Annual meeting in Helsinki (SYKE), Finland, during the year of the Gulf of Finland; date TBD.

**2015**

- **Annual meeting in Sopot,** March 2015. Topic: Operational use of remote sensing for monitoring of optically complex waters. Contact: Piotr Kowalczuk: piotr@iopan.gda.pl