

A model of sediment resuspension in the bottom layer of natural water body

Heinloo, Jaak; Toompuu, Aleksander BSSC 2009 : [7th Baltic Sea Science Congress 2009] : August 17-21, 2009, Tallinn, Estonia : abstract book 2009 / p. 60

Analysis of the Gulf of Finland circulation patterns in relation to forcing

Elken, Jüri; Lagemaa, Priidik; Nõmm, Marden BSSC 2009 : [7th Baltic Sea Science Congress 2009] : August 17-21, 2009, Tallinn, Estonia : abstract book 2009 / p. 118

Analytical theory of nonlinear long wave runup on a coast

Didenkulova, Irina BSSC 2009 : [7th Baltic Sea Science Congress 2009] : August 17-21, 2009, Tallinn, Estonia : abstract book 2009 / p. 132

Characteristics of sub-surface chlorophyll maxima observed in the Gulf of Finland in July 2006

Kuvaldina, Natalja; Lips, Urmas; Lips, Inga; Liblik, Taavi BSSC 2009 : [7th Baltic Sea Science Congress 2009] : August 17-21, 2009, Tallinn, Estonia : abstract book 2009 / p. 29

A comparison of parameterized, simulated and measured eddy diffusivities in the Gulf of Finland

Lilover, Madis-Jaak; Stips, Adolf Konrad BSSC 2009 : [7th Baltic Sea Science Congress 2009] : August 17-21, 2009, Tallinn, Estonia : abstract book 2009 / p. 119

Environmental conditions at possible Estonian offshore windfarm locations, comparison with working station

Erm, Ants; Väli, Germo; Kask, Andres; Alari, Victor; Mark, Rainer; Konts, Mari-Liis; Vahter, Kaimo BSSC 2009 : [7th Baltic Sea Science Congress 2009] : August 17-21, 2009, Tallinn, Estonia : abstract book 2009 / p. 227

Flow regime before and during upwelling event in the western Gulf of Finland

Pavelson, Juss; Elken, Jüri; Laanemets, Jaan; Huttula, Timo; Purokoski, Tero BSSC 2009 : [7th Baltic Sea Science Congress 2009] : August 17-21, 2009, Tallinn, Estonia : abstract book 2009 / p. 161

Implications of fast ferry wakes for semi-sheltered beaches

Soomere, Tarmo; Didenkulova, Irina; Parnell, Kevin Ellis BSSC 2009 : [7th Baltic Sea Science Congress 2009] : August 17-21, 2009, Tallinn, Estonia : abstract book 2009 / p. 134

Influence of meso-scale dynamics on the phytoplankton distribution and species composition in the Gulf of Finland in July 2007

Altoja, Kristi; Kikas, Villu; Kuvaldina, Natalja; Lips, Urmas; Lips, Inga BSSC 2009 : [7th Baltic Sea Science Congress 2009] : August 17-21, 2009, Tallinn, Estonia : abstract book 2009 / p. 212

In-situ observation strategies in order to monitor and understand the functioning of pelagic ecosystem in the Gulf of Finland

Lips, Urmas; Lips, Inga; Kikas, Villu; Liblik, Taavi; Kuvaldina, Natalja; Altoja, Kristi; Norit, Nelli BSSC 2009 : [7th Baltic Sea Science Congress 2009] : August 17-21, 2009, Tallinn, Estonia : abstract book 2009 / p. 89

Interaction of plankton with wave fields in the sea

Didenkulov, Igor; Didenkulova, Irina; Muyakshin, Sergey; Selivanovsky, Dmitry BSSC 2009 : [7th Baltic Sea Science Congress 2009] : August 17-21, 2009, Tallinn, Estonia : abstract book 2009 / p. 186

Internal waves and interfacial mixing in stratified environments

Delpeche, Nicole; Soomere, Tarmo BSSC 2009 : [7th Baltic Sea Science Congress 2009] : August 17-21, 2009, Tallinn, Estonia : abstract book 2009 / p. 120

Monitoring of harbor dredging using remote sensing and AC-Spectra data

Sipelgas, Liis; Raudsepp, Urmas BSSC 2009 : [7th Baltic Sea Science Congress 2009] : August 17-21, 2009, Tallinn, Estonia : abstract book 2009 / p. 86

Monitoring of sediments resuspended by waves from fast ferries

Erm, Ants; Soomere, Tarmo; Alari, Victor; Listak, Madis; Voll, Martin BSSC 2009 : [7th Baltic Sea Science Congress 2009] : August 17-21, 2009, Tallinn, Estonia : abstract book 2009 / p. 135

Observation of mesoscale eddies by using SAR data complemented with optical remote sensing and in situ measurements

Uiboupin, Rivo; Laanemets, Jaan BSSC 2009 : [7th Baltic Sea Science Congress 2009] : August 17-21, 2009, Tallinn, Estonia : abstract book 2009 / p. 28

On the dynamics of almost equilibrium beaches on the North Estonian coast

Soomere, Tarmo BSSC 2009 : [7th Baltic Sea Science Congress 2009] : August 17-21, 2009, Tallinn, Estonia : abstract book 2009

On the importance of the different forcing components for simulating Baltic Sea saltwater inflows

Stips, Adolf Konrad; Bolding, Karsten; **Lilover, Madis-Jaak** BSSC 2009 : [7th Baltic Sea Science Congress 2009] : August 17-21, 2009, Tallinn, Estonia : abstract book 2009 / p. 102

On the validation of SWAN, a third generation spectral wave model, in Estonian coastal waters

Alari, Victor; Raudsepp, Urmas; Kõuts, Tarmo; Vahter, Kaimo BSSC 2009 : [7th Baltic Sea Science Congress 2009] : August 17-21, 2009, Tallinn, Estonia : abstract book 2009 / p. 183

Paleoreconstruction of the Baltic Ice Lake in the eastern Baltic

Vassiljev, Jüri; Saarse, Leili; Rosentau, Alar BSSC 2009 : [7th Baltic Sea Science Congress 2009] : August 17-21, 2009, Tallinn, Estonia : abstract book 2009 / p. 113

Periodic components in the near-shore variability in the eastern part of the Baltic Sea

Talpsepp, Lembit BSSC 2009 : [7th Baltic Sea Science Congress 2009] : August 17-21, 2009, Tallinn, Estonia : abstract book 2009 / p. 167

Phytoplankton distribution affected by the coastal upwelling event in the Gulf of Finland in August 2006 : observational results

Lips, Inga; Lips, Urmas BSSC 2009 : [7th Baltic Sea Science Congress 2009] : August 17-21, 2009, Tallinn, Estonia : abstract book 2009 / p. 44

Seasonal and long-term variations of wave conditions in Estonian coastal waters

Zaitseva, Inga; Suursaar, Ülo; Soomere, Tarmo BSSC 2009 : [7th Baltic Sea Science Congress 2009] : August 17-21, 2009, Tallinn, Estonia : abstract book 2009 / p. 148

Simulating long-term changes of wave conditions in the northern Baltic Sea

Räämet, Andrus BSSC 2009 : [7th Baltic Sea Science Congress 2009] : August 17-21, 2009, Tallinn, Estonia : abstract book 2009 / p. 149

Simulation of mesoscale structure of a coastal upwelling event and related nutrient transport in the southern Gulf of Finland

Väli, Germo; Zhurbas, Victor; Elken, Jüri; Lips, Inga; Lips, Urmas; Laanemets, Jaan BSSC 2009 : [7th Baltic Sea Science Congress 2009] : August 17-21, 2009, Tallinn, Estonia : abstract book 2009 / p. 42

Spatial distribution of hydrographic and biochemical variables in a small coastal bay : explanation using systems approach

Lessin, Gennadi; Raudsepp, Urmas; Passenko, Jelena; Altoja, Kristi; Martin, Georg; Sipelgas, Liis BSSC 2009 : [7th Baltic Sea Science Congress 2009] : August 17-21, 2009, Tallinn, Estonia : abstract book 2009 / p. 45

Spatio-temporal variability of environmental parameters in the surface layer of the Gulf of Finland in spring (on the basis of Tallinn-Helsinki FerryBox data 2007-2009)

Norit, Nelli; Kikas, Villu; Lips, Inga; Kuvaldina, Natalja; Lips, Urmas BSSC 2009 : [7th Baltic Sea Science Congress 2009] : August 17-21, 2009, Tallinn, Estonia : abstract book 2009 / p. 211

Submarine terraces of the Eastern Gulf of Finland: results of survey and reconstruction of evolution in Holocene

Ryabchuk, Daria; Leont'yev, Igor; Zhamoida, Vladimir; Spiridonov, Michail; Nesterova, Elena; **Kurennoy, Dmitry** BSSC 2009 : [7th Baltic Sea Science Congress 2009] : August 17-21, 2009, Tallinn, Estonia : abstract book 2009 / p. 130

The BalticWay Project : the use of currents for environmental management of the Baltic Sea coasts

Quak, Ewald; Soomere, Tarmo BSSC 2009 : [7th Baltic Sea Science Congress 2009] : August 17-21, 2009, Tallinn, Estonia : abstract book 2009 / p. 99

The comparison of wind-waves and ship-wakes on the coastal zone in Tallinn Bay, the Baltic Sea

Kelpšaitė, Loreta BSSC 2009 : [7th Baltic Sea Science Congress 2009] : August 17-21, 2009, Tallinn, Estonia : abstract book 2009 / p. 181

Variability in the properties of long waves generated by high-speed ferries in Tallinn Bay

Kurennoy, Dmitry; Parnell, Kevin Ellis BSSC 2009 : [7th Baltic Sea Science Congress 2009] : August 17-21, 2009, Tallinn, Estonia : abstract book 2009 / p. 182

Water-level changes and palaeogeography of the Baltic Sea and displacement of Stone Age human occupations in Pärnu area, southwest Estonia

Rosentau, Alar; **Veski, Siim;** Kriiska, Aivar; Hang, Tiit; **Vassiljev, Jüri; Saarse, Leili;** Aunap, Raivo; **Heinsalu, Atko; Oja, Tõnis** BSSC 2009 : [7th Baltic Sea Science Congress 2009] : August 17-21, 2009, Tallinn, Estonia : abstract book 2009 / p. 195

Weakly reflecting waves in narrow bays

Didenkulova, Irina; Pelinovsky, Efim BSSC 2009 : [7th Baltic Sea Science Congress 2009] : August 17-21, 2009, Tallinn, Estonia : abstract book 2009 / p. 184

Wind-driven currents over the shallow Naissaare Bank in the Gulf of Finland

Lilover, Madis-Jaak; Pavelson, Juss; Kõuts, Tarmo BSSC 2009 : [7th Baltic Sea Science Congress 2009] : August 17-21, 2009, Tallinn, Estonia : abstract book 2009 / p. 166

Wind-forced variability of vertical structure of temperature and salinity fields in the Gulf of Finland

Liblik, Taavi; Lips, Urmas BSSC 2009 : [7th Baltic Sea Science Congress 2009] : August 17-21, 2009, Tallinn, Estonia : abstract book 2009 / p. 117