Publications:

Documention on key drivers and physiological tolerance limits for resident and invasive species: Report: BIO-C3 Deliverable, D1.2
Publication: Research › Report – Annual report year: 2016

Publication: Research › Report – Annual report year: 2016

Review of environmental factors influencing distributions of selected Baltic species: Report: BIO-C3 Deliverable, D1.1 . EU Bonusproject BIO-C3
Publication: Research › Report – Annual report year: 2016

Dealing with the presence of the ciliate Euplotes sp. in cultures of the copepod Acartia tonsa
Publication: Research - peer-review › Journal article – Annual report year: 2014

KYSTFISKI. Udviklingen i kystnære fiskebestande. Slutrapport
Publication: Research › Report – Annual report year: 2014

Where have all the coast fish gone?
Publication: Research › Poster – Annual report year: 2014

A lasting legacy for the Baltic and North Sea GLOBEC Germany program
Publication: Research - peer-review › Journal article – Annual report year: 2012

Effects of ocean acidification, temperature and nutrient regimes on the appendicularian Oikopleura dioica: a mesocosm study
Publication: Research - peer-review › Journal article – Annual report year: 2012

Incorporation of nitrogen from N2 fixation into amino acids of zooplankton
Publication: Research - peer-review › Journal article – Annual report year: 2012

Seasonal dynamics of fecundity and recruitment of Temora longicornis in the Baltic Sea
Publication: Research - peer-review › Journal article – Annual report year: 2012

Spatial and temporal habitat partitioning by zooplankton in the Bornholm Basin (central Baltic Sea)
Publication: Research - peer-review › Journal article – Annual report year: 2012

The effect of egg versus seston quality on hatching success, naupliar metabolism and survival of Calanus finmarchicus in mesocosms dominated by Phaeocystis and diatoms
Publication: Research › Conference abstract in proceedings – Annual report year: 2011

Copepods and the biological pump: The potential effects of large vs. small copepods on vertical flux
Publication: Research › Conference abstract for conference – Annual report year: 2011

Does the allelopathic and toxic activity of Alexandrium minutum change with ocean acidification?
Publication: Research › Conference abstract for conference – Annual report year: 2011
Effects of suspended sediments on copepods feeding in a glacial influenced sub-Arctic fjord
Publication: Research - peer-review › Journal article – Annual report year: 2011

Extensive cross-disciplinary analysis of biological and chemical control of Calanus finmarchicus reproduction during an aldehyde forming diatom bloom in mesocosms
Publication: Research - peer-review › Journal article – Annual report year: 2011

Factors controlling the seasonal dynamics of fecundity and recruitment of Temora longicornis in the Baltic Sea
Publication: Research › Conference abstract for conference – Annual report year: 2011

Publication: Research › Report – Annual report year: 2008

Life cycle and spring phenology of Temora longicornis in the Baltic Sea
Publication: Research - peer-review › Journal article – Annual report year: 2010

Seasonal changes in food quantity and quality of the common North Sea copepods Temora longicornis and Pseudocalanus elongatus: a bioassay approach
Publication: Research - peer-review › Journal article – Annual report year: 2010

Effects of carbon-dioxide-induced acidification on algal quality for copepod reproduction
Publication: Research › Conference abstract for conference – Annual report year: 2009

Copepod reproduction is unaffected by diatom aldehydes or lipid composition
Publication: Research - peer-review › Journal article – Annual report year: 2008

Importance and nutritional value of large ciliates for the reproduction of Acartia clausi during the post spring-bloom period in the North Sea
Publication: Research › Journal article – Annual report year: 2008

Role of essential fatty acids on the reproductive success of the copepod Temora longicornis in the North Sea
Publication: Research - peer-review › Journal article – Annual report year: 2007

Zooplankton grazing on Phaeocystis: a quantitative review and future challenges
Publication: Research - peer-review › Journal article – Annual report year: 2007

Copepods coping with a tough situation temperature, salinity and calanoid vital rates in the Baltic Sea
Publication: Research › Journal article – Annual report year: 2003

The impact of exceptionally warm summer inflow events on the environmental conditions in the Bornholm Basin
Publication: Research - peer-review › Journal article – Annual report year: 2005

Trophic significance of solitary cells of the prymnesiophyte Phaeocystis globosa depends on cell type
Publication: Research - peer-review › Journal article – Annual report year: 2006

Inhibition of copepod feeding by exudates and transparent exopolymer particles (TEP) derived from a Phaeocystis globosa dominated phytoplankton community
Publication: Research - peer-review › Journal article – Annual report year: 2005
Selective grazing of Temora longicornis in different stages of a Phaeocystis globosa bloom - a mesocosm study
Publication: Research - peer-review › Journal article – Annual report year: 2005

Synchronous ecological regime shifts in the Central Baltic and the North Sea in the late 1980s
Publication: Research - peer-review › Journal article – Annual report year: 2005

Identification of critical stages in the population dynamics of key copepod species in the Bornholm Basin (Baltic Sea): potential linkages to physical forcing and climate variability
Publication: Research › Article in proceedings – Annual report year: 2004

Synchronous ecological regime shifts in the North and Central Baltic Sea in 1988/89
Publication: Research › Conference article – Annual report year: 2004

A strong impact of winter temperature on spring recruitment of a key copepod species in the Bornholm Basin
Publication: Research - peer-review › Journal article – Annual report year: 2003

Selective feeding of Temora longicornis adults vs. nauplii in a Phaeocystis dominated mesocosm
Publication: Research › Poster – Annual report year: 2003

Strain-specific grazing and development on Phaeocystis globosa by nauplii of Temora longicornis
Publication: Research › Poster – Annual report year: 2003

Compartments of the pelagic system and material exchange at the Abrolhos Bank coral reefs, Brazil
Publication: Research - peer-review › Journal article – Annual report year: 1999

Repression of fecundity in the neritic copepod Acartia clausi exposed to the toxic dinoflagellate Alexandrium lusitanicum: Relationship between feeding and egg production
Publication: Research - peer-review › Journal article – Annual report year: 1998

The impact of the toxic dinoflagellate Alexandrium lusitanicum on feeding behavior and egg production of the calanoid copepod Acartia clausi
Publication: Research › Poster – Annual report year: 1997

Ingestion and faecal pellet production of three zooplankton size fractions in coastal waters of the Abrolhos Bank (Brazil)
Publication: Research › Poster – Annual report year: 1996

Projects:

Baltic zooplankton; eco-physiology and adaptation
Project: PhD

Biodiversity changes - causes, consequences and management implications (BIO-C3) (39117)
Project

Investigation of causes for declines in fish abundance in coastal areas (KYSTFISK-I) (39031)
Project

Response of pelagic food webs to warmer, acidified oceans (Pelagic foods) (38923)
Project

Arctic plankton in a changing climate (38783)
Project
Fehmarn Belt science provision project: Fehmarn Belt fish and fisheries and related environmental investigations (38669)

Project

The biological pump in the Nordic seas: Copepods and appendicularians as producers and consumers of sinking particles (BIOPUMP) (38757)

Project

Fatty acids in the marine food chain (38160)

Project