Publications:

**Marine resources management in the face of change: from ecosystem science to ecosystem-based management**
Publication: Research - peer-review › Book chapter – Annual report year: 2010

**An ecosystem-based framework for tracking performance of fish stocks and related forcings using fuzzy-logic approach**
Publication: Research › Conference abstract for conference – Annual report year: 2009

**Knowledge-based systems as decision support tools in an ecosystem approach to fisheries: Comparing a fuzzy-logic and rule-based approach**
Publication: Research - peer-review › Journal article – Annual report year: 2008

**A fuzzy-logic tool for multi-criteria decision making in fisheries: the case of the South African pelagic fishery**
Publication: Research - peer-review › Journal article – Annual report year: 2007

**Application of the sequential t-test algorithm for analysing regime shifts to the southern Benguela ecosystem**
Publication: Research - peer-review › Journal article – Annual report year: 2007

**A fuzzy spin for fishy problems: a fuzzy-logic tool for multi-criteria decision making in the southern Benguela**
Publication: Research › Poster – Annual report year: 2006

**Compiling the basis for assessment of responsible fisheries: Forage fish off West Greenland: final report**
Publication: Research › Report – Annual report year: 2006

**Detecting and forecasting long-term ecosystem changes**
Publication: Research - peer-review › Book chapter – Annual report year: 2006

**Expert systems as decision support tools in an ecosystem approach to fisheries management: comparing fuzzy-logic and rule-based approached**
Publication: Research › Poster – Annual report year: 2006

**Comparing the Benguela and Humboldt marine upwelling ecosystems with indicators derived from inter-calibrated models**
Publication: Research - peer-review › Journal article – Annual report year: 2005

**Trophodynamic indicators for an ecosystem approach to fisheries**
Publication: Research - peer-review › Journal article – Annual report year: 2005

**Changes in the northern Benguela ecosystem over three decades: 1970s, 1980s, and 1990s**
Publication: Research - peer-review › Journal article – Annual report year: 2004

**Review of indicators in fisheries management - a development perspective**
Publication: Research - peer-review › Journal article – Annual report year: 2004

**Epibenthic diversity in the North Sea**
Publication: Research - peer-review › Journal article – Annual report year: 2002

**Changes in the timing of spawning of Baltic cod: possible causes and implications for recruitment**
Publication: Research - peer-review › Journal article – Annual report year: 2000
Modelling effects of fishing in the Southern Benguela ecosystem
Publication: Research - peer-review › Journal article – Annual report year: 2000

Performance comparison between regression and neuronal network models for forecasting Pacific sardine (Sardinops caeruleus) biomass
Publication: Research - peer-review › Book chapter – Annual report year: 2000

Small pelagics in upwelling systems: patterns of interaction and structural changes in "wasp-waist" ecosystems
Publication: Research - peer-review › Journal article – Annual report year: 2000

Stock recruitment relationships for cod (Gadus morhua L.) in the central Baltic Sea incorporating environmental variability
Publication: Research - peer-review › Journal article – Annual report year: 2000

A model of trophic flows in the northern Benguela upwelling system during the 1980s
Publication: Research - peer-review › Journal article – Annual report year: 1999

Fishing effects in northeast Atlantic shelf seas: patterns in fishing effort, diversity and community structure. III. International trawling effort in the North Sea: an analysis of spatial and temporal trends
Publication: Research - peer-review › Journal article – Annual report year: 1999

An approach to modelling persistent pollutants in marine ecosystems
Publication: Research › Conference article – Annual report year: 1998

An approach to the modelling of persistent pollutants in marine ecosystems
Publication: Research › Conference article – Annual report year: 1998

Changes through time in macrofaunal composition on the Dogger Bank in the North Sea
Publication: Research › Book chapter – Annual report year: 1998

Comparative analyses of trophic flows in upwelling ecosystems: Global vs. local changes
Publication: Research - peer-review › Book chapter – Annual report year: 1998

Comparing trophic flows in the Southern Benguela to those in other upwelling systems
Publication: Research - peer-review › Journal article – Annual report year: 1998

Equipment for the sampling of bentic macrofauna: A comparison between a 2m beamtrawl and a 0.1 m2 van Veen grab
Publication: Research › Book chapter – Annual report year: 1998

Field estimates of the food consumption of the searobin Prionotus punctatus (Bloch, 1797) on the continental shelf of Ubatuba, south-eastern Brazil
Publication: Research › Journal article – Annual report year: 1998

Placing fisheries in their ecosystem context: Regional training course for Europe and West Afrika
Publication: Research › Journal article – Annual report year: 1998

Quantitative model of trophic interactions in the Ubatuba shelf system (southeastern Brazil)
Publication: Research › Journal article – Annual report year: 1998

Spatial distribution and variability of abundance estimates of juvenile (age 1 and 2) whiting and cod in the North Sea
Publication: Research › Conference article – Annual report year: 1998
The potential role of mass balance models for the management of upwelling ecosystems
Publication: Research - peer-review › Journal article – Annual report year: 1998

Prediction of vertical distribution and ambient development temperature of Baltic cod, Gadus morhua L., eggs
Publication: Research - peer-review › Journal article – Annual report year: 1997

Trophic flows in the benthic shelf community of the eastern Weddell Sea, Antarctica
Publication: Research - peer-review › Book chapter – Annual report year: 1997

Artificial neural networks to forecast biomass of Pacific sardine and its environment
Publication: Research - peer-review › Journal article – Annual report year: 1996

Artificial neural networks versus multiple linear regression: predicting P/B ratios from empirical data
Publication: Research - peer-review › Journal article – Annual report year: 1996

Report of the first SPACC Modelling Workshop, 14-16 October 1996, Ispra, Italy
Publication: Research › Report – Annual report year: 1996

Projects:

Indicators for fisheries management in Europe (IMAGE) (38225)
Project