

ANTARCTIC KRILL IN A CHANGING OCEAN

Scientific workshop on effects of environmental change on Antarctic krill
and implications for ecosystem-based management

Texel, The Netherlands, 11 - 15 April 2011

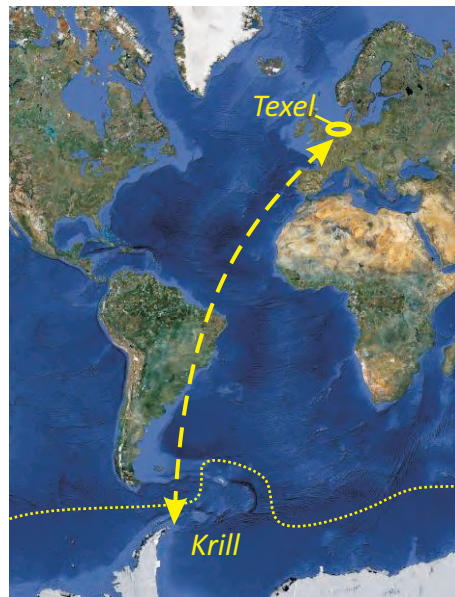
2nd announcement

Invitation of contributions

We aim to produce a **scientifically profound analysis** of the state of science with regard to the workshop objectives. It is intended to exchange expertise during **4 knowledge sessions** dedicated to the **4 key issues** listed below. Half of the time will be reserved for plenary discussions and expert group meetings. Participants are **invited to contribute presentations** (max. 20 min) to the knowledge sessions, or indicate other intended contributions to the workshop using the issues list below as a guideline. Any contribution helping to improve or focus knowledge regarding the workshop objectives is highly welcome, e.g. **posters, databases, reports, computer scripts, ...**

**Registration is possible until
February 15th, 2011 at
www.changingkrill.wur.nl.**

**The maximum number
of participants is 30.**



Objectives

The Netherlands and the European Commission are funding a workshop aiming to compile the state of knowledge about the impact of environmental change and increasing human exploitation on Antarctic krill in the light of an updated analysis of existing knowledge, and to discuss potential implications for CCAMLR's ecosystem-based management approach. In addition, the intended workshop may set the base for a network of krill researchers, including early career scientists.

Host

Institute for Marine Resources and
Ecosystem Studies (IMARES)

Time / location

11 - 15 April 2011
Texel / The Netherlands

Venue

Hotel De Pelikaan
Pelikaanweg 18
1796 NR De Koog
The Netherlands

Accommodation

Free accommodation and provision are provided at Hotel de Pelikaan for up to 30 workshop participants.

Travel allowance

A limited budget is available to compensate for travel costs. Need for travel allowance can be indicated during registration.

Contact

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Workshop website

www.changingkrill.wur.nl

Issues addressed

Detailed explanations of these issues are available at www.changingkrill.wur.nl

1. Population size and trends

- Are current sampling methods sampling the whole population of krill?
- Is an absolute biomass estimate of krill essential for management? Should efforts focus on smaller scale and trends?
- Further analyses and reporting of long-term krill time series

2. Response of krill

populations to environmental change

- Alternative hypotheses linking krill and sea ice – recruitment and climate change
- Effects of changes in estimates of population parameters on potential yield

3. Potential changes in the

ecosystem function of Antarctic krill

- What 'ecosystem services' of krill may be affected by environmental change? And can they be quantified?

4. Consequences for an

adaptive management approach

- How can our knowledge contribute to a management of living resources that can adapt to environmental change?