



Severtsov Institute of Ecology and Evolution Russian Academy of Science

Glazov Dmitry

co-director of White Whale Program, IPEE RAS

Durham, NC 2010



Expedition

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Permanent expedition of Russian Academy of Science studying Red Book and other key species animals of Russia

Legal status: Order of RAS № 12300-128 29 Feb. 2008

Expedition supervisor:
director **IPEE RAS** academician Dmitry S. Pavlov



Expedition leader:
deputy director **IPEE RAS** prof. Viacheslav V. Rozhnov



White whale Program

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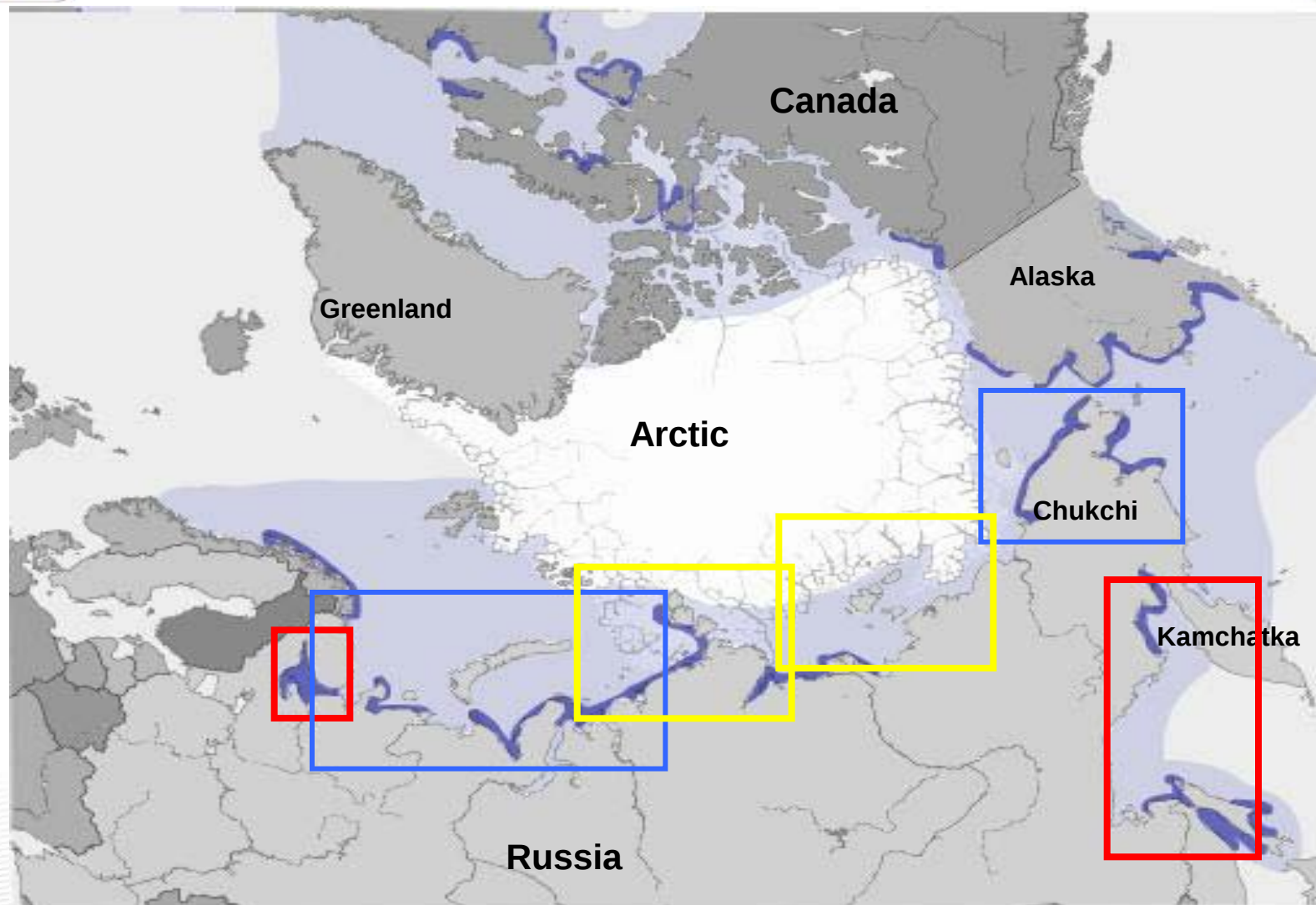
White whale (*Delphinapterus leucas*)

Program status: implemented since April 2009

Program Manager: Dr. Lev M. Mukhametov

Main research areas: study of the distribution, abundance and spatial structure in the Russian waters; the genetic status; its migrations area; zoological veterinary and toxicological examination of natural populations; man-made noise; the development of scientific bases of the practical use of beluga whales.

Area of Program Interest



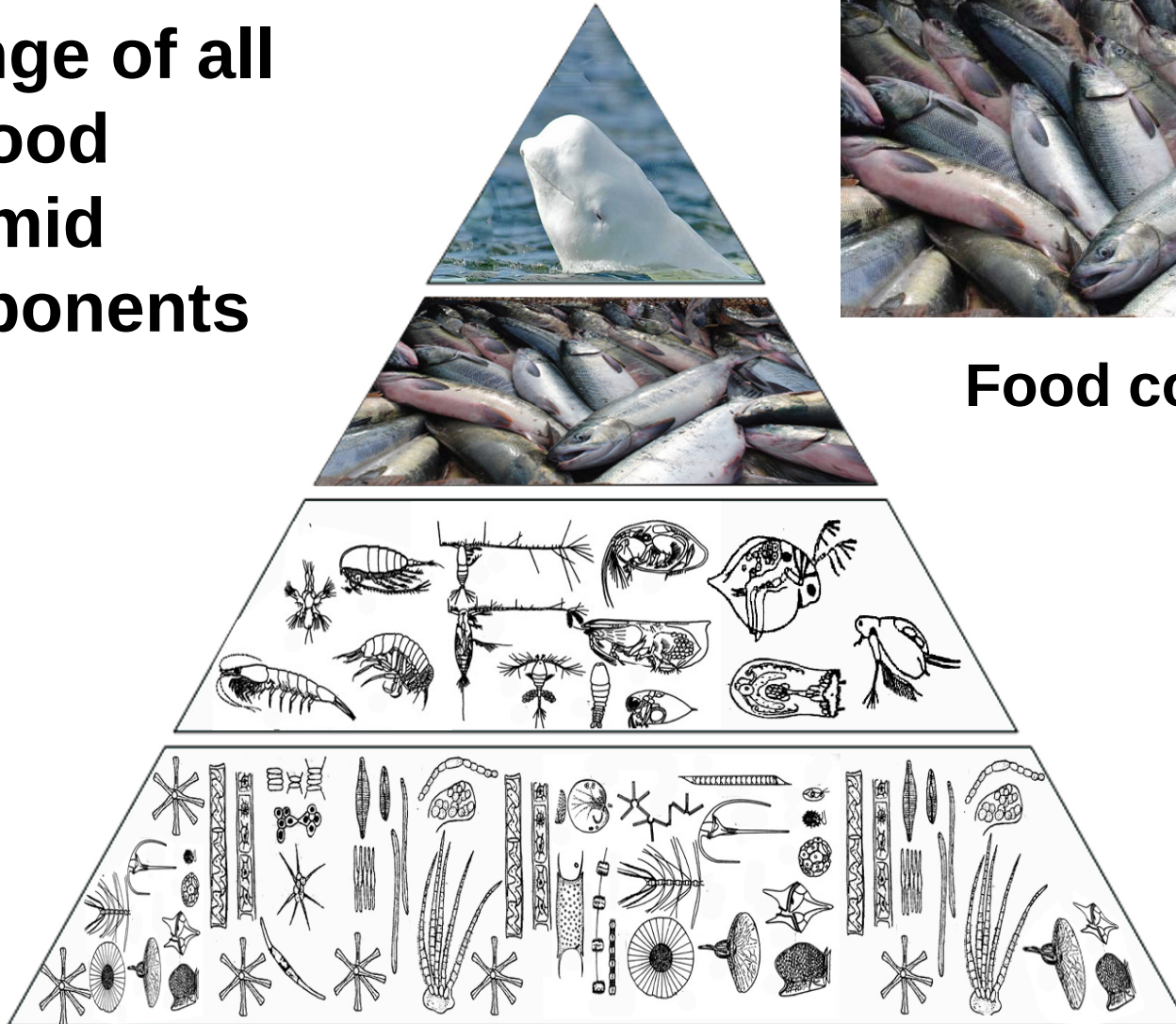
Reasons for the study started

White whale - commercial species. Now its fishing suspended because no understanding the status of the species.



Reasons for the study started

**Change of all
the food
pyramid
components**

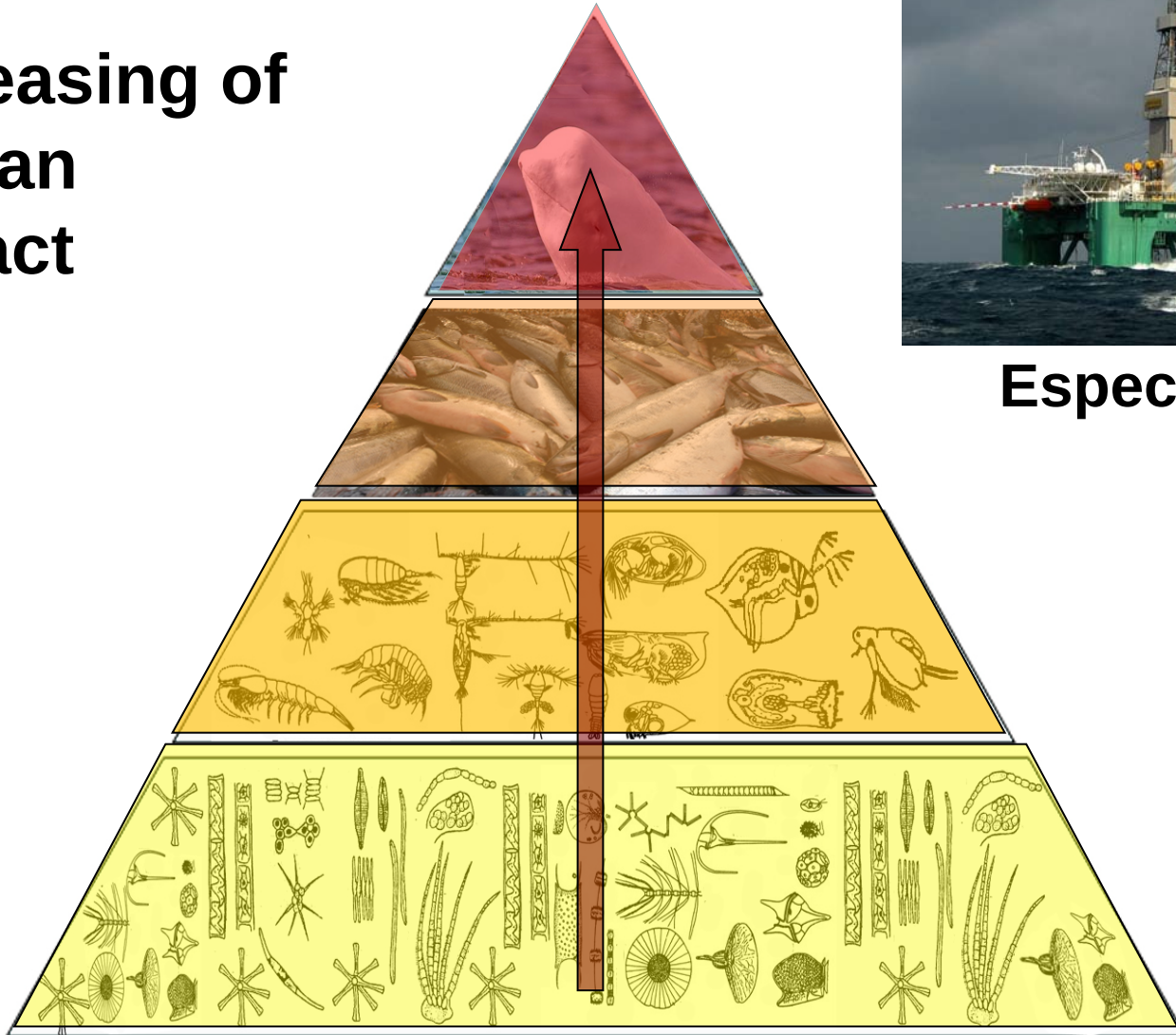


**Food conflict with
the man**

Reasons for the study started

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**Increasing of
human
impact**



**Especially the oil
companies**

Reasons for the study started

White whale - as indicator of the Arctic ecosystems and human impacts



Reasons for the study started

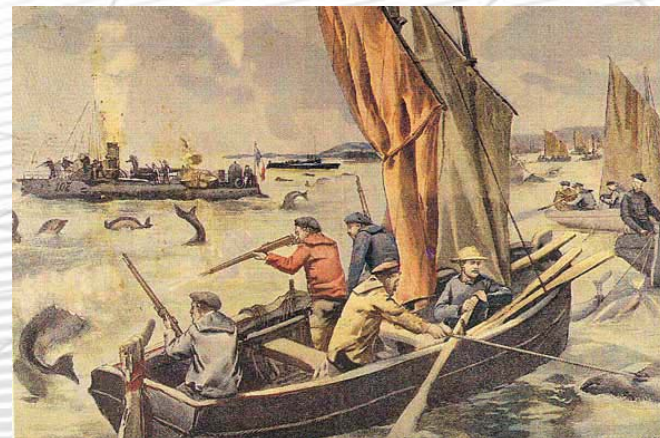
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**Aboriginal
traditional
hunting**



Social aspects



Reasons for the study started

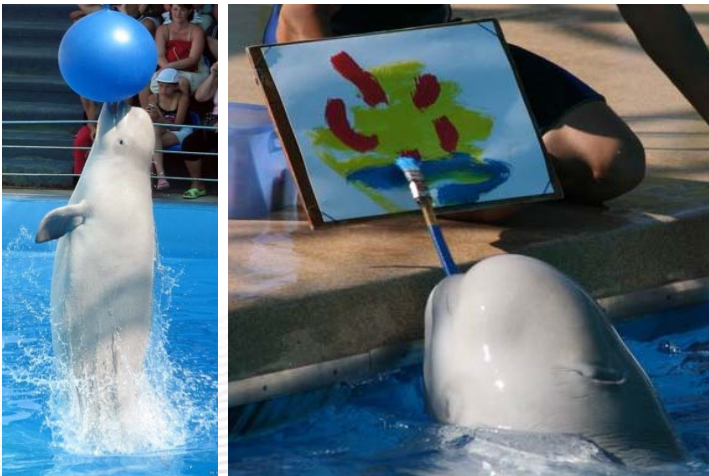
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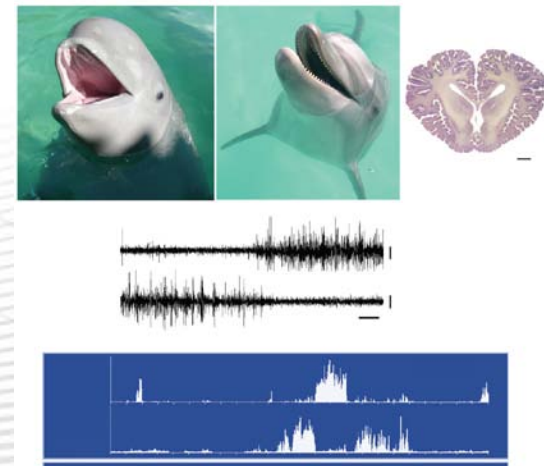
Dolphin-Child Therapy



Demonstration in aquariums



Dolphin show



Scientific research

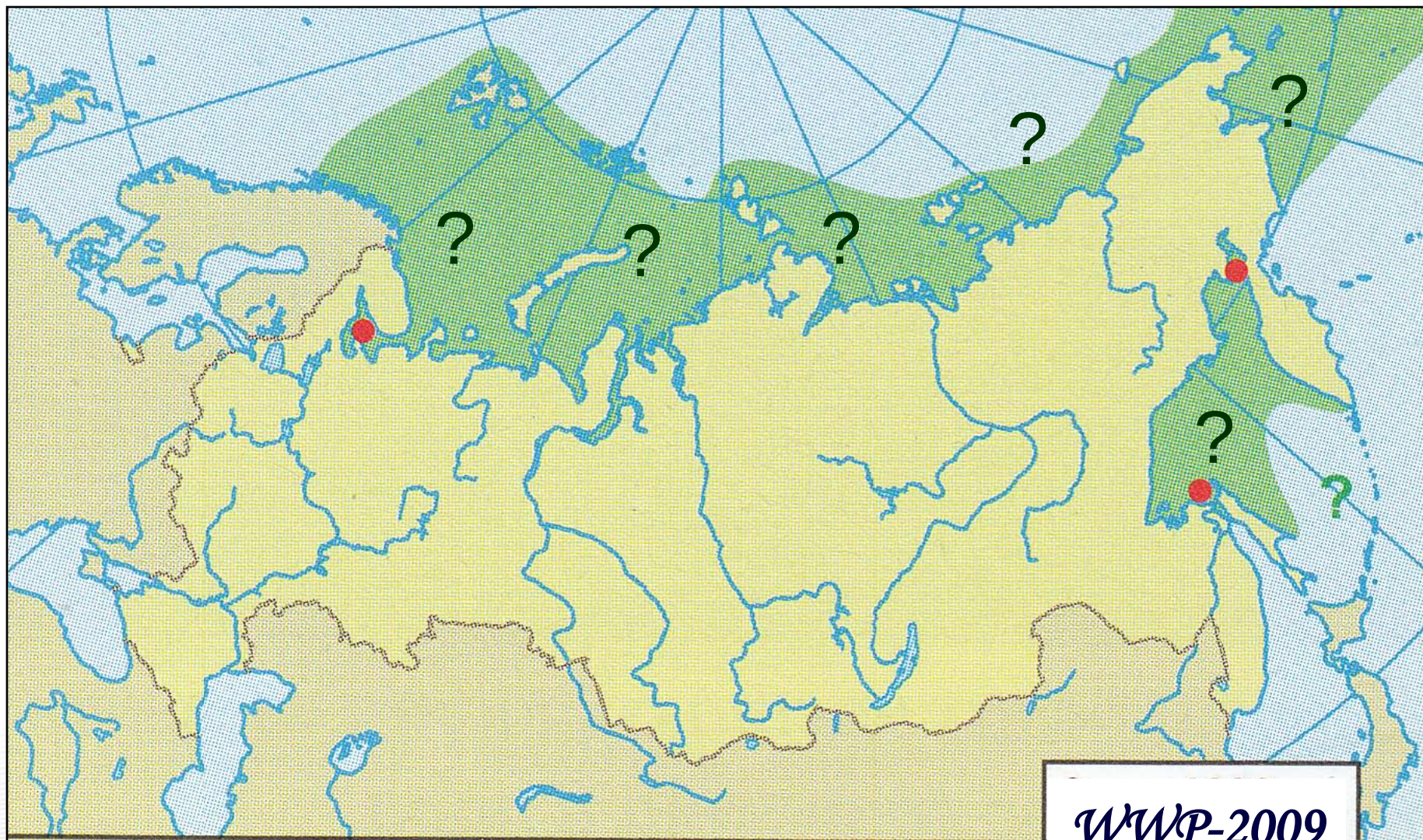
<http://www.sevin.ru>





White Whale Program

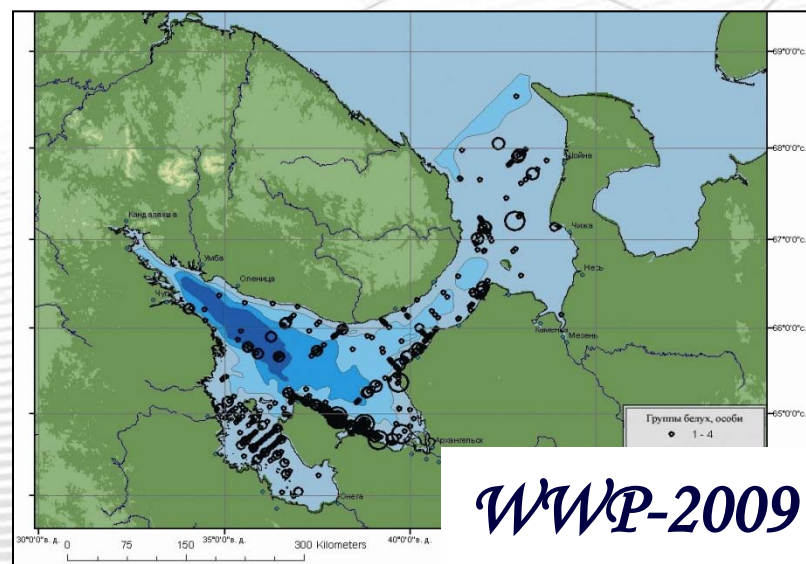
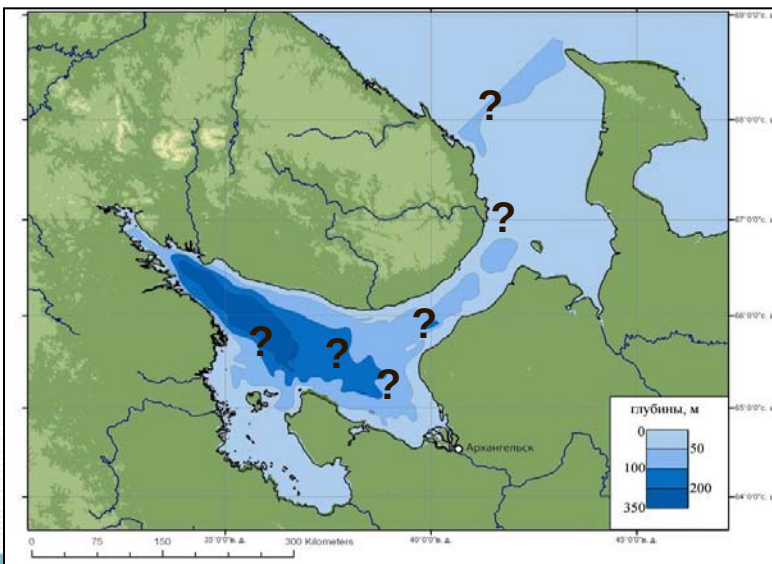
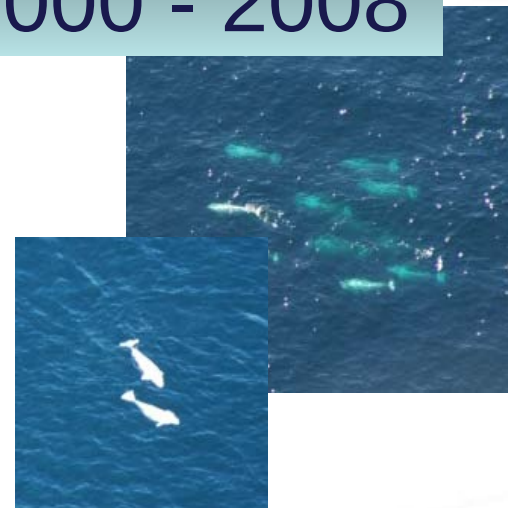
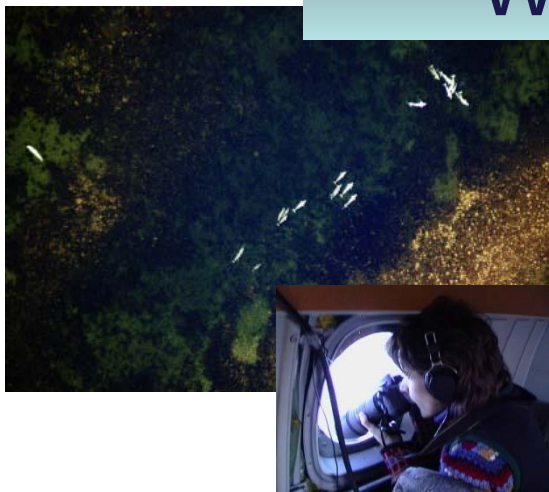
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WWP-2009

Aerial survey

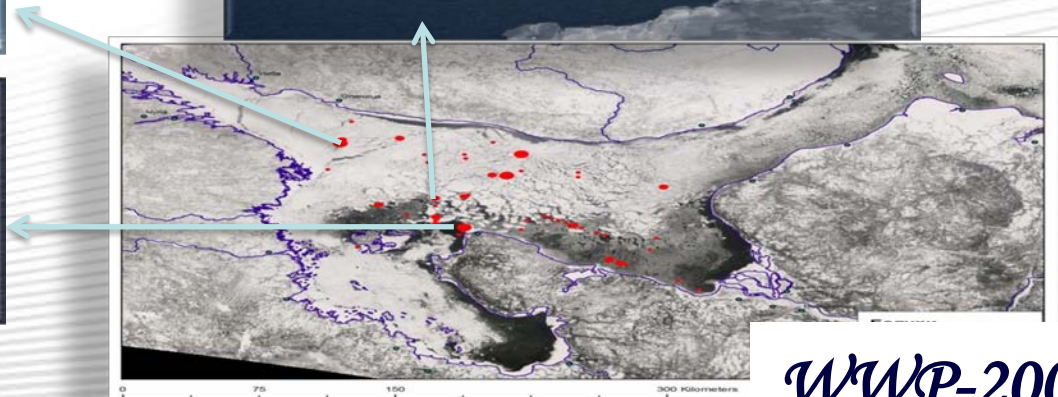
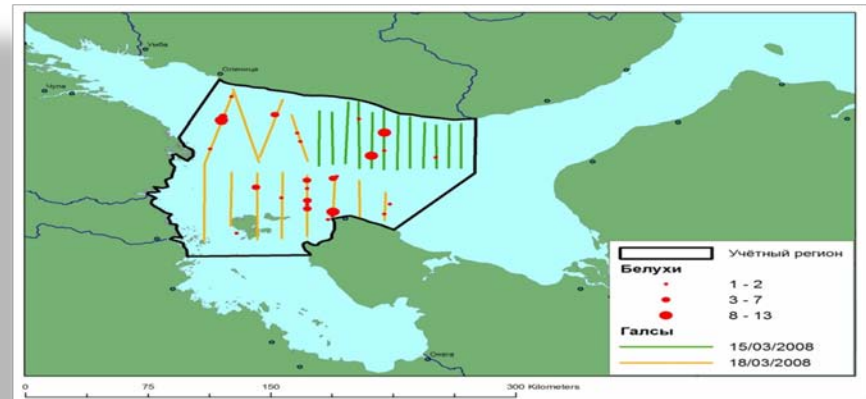
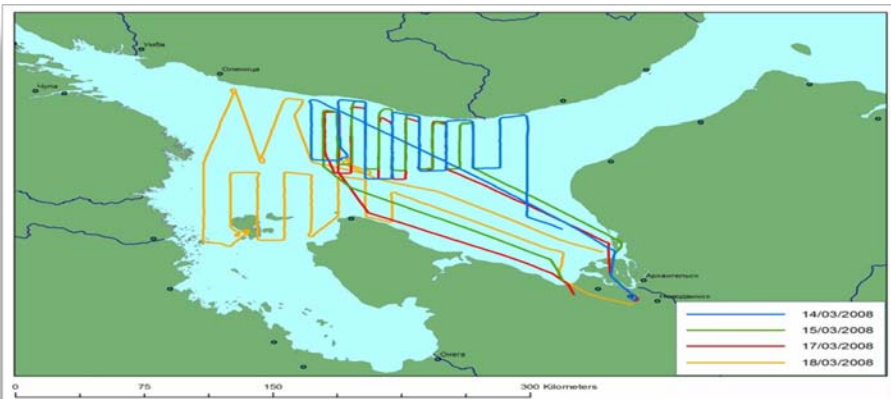
■ White Sea Summer 2000 - 2008



WWP-2009

Aerial survey

■ White Sea Winter 2008



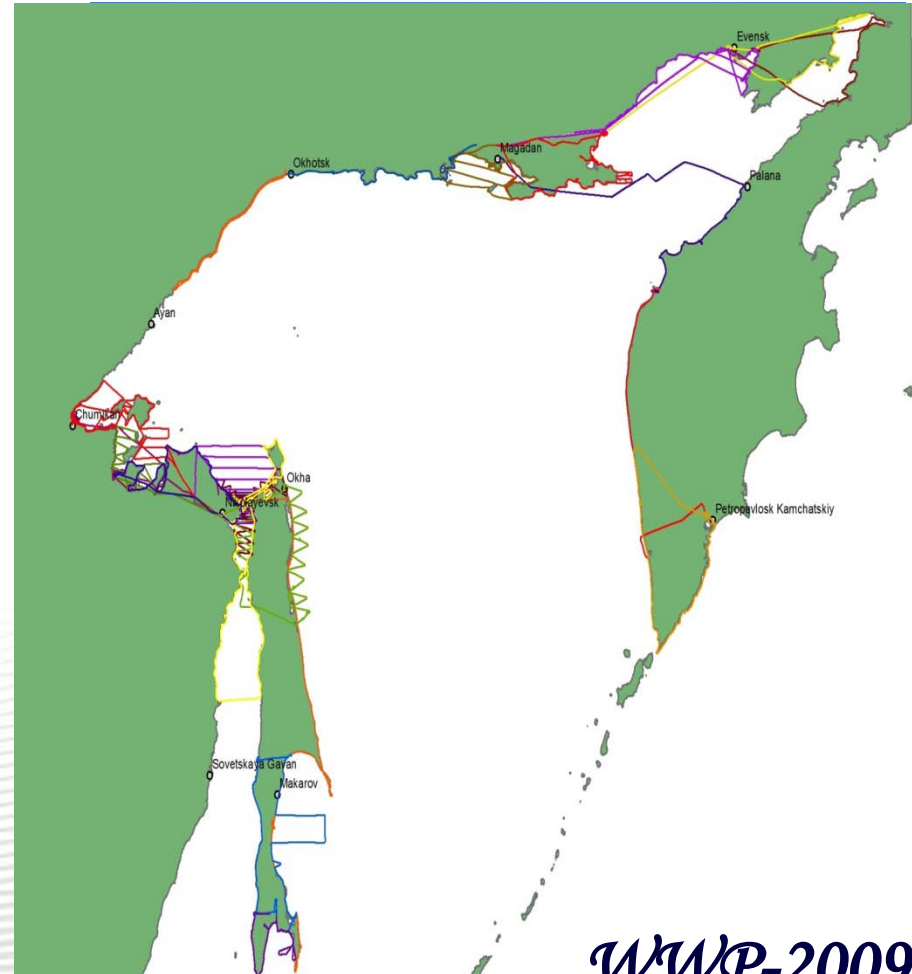
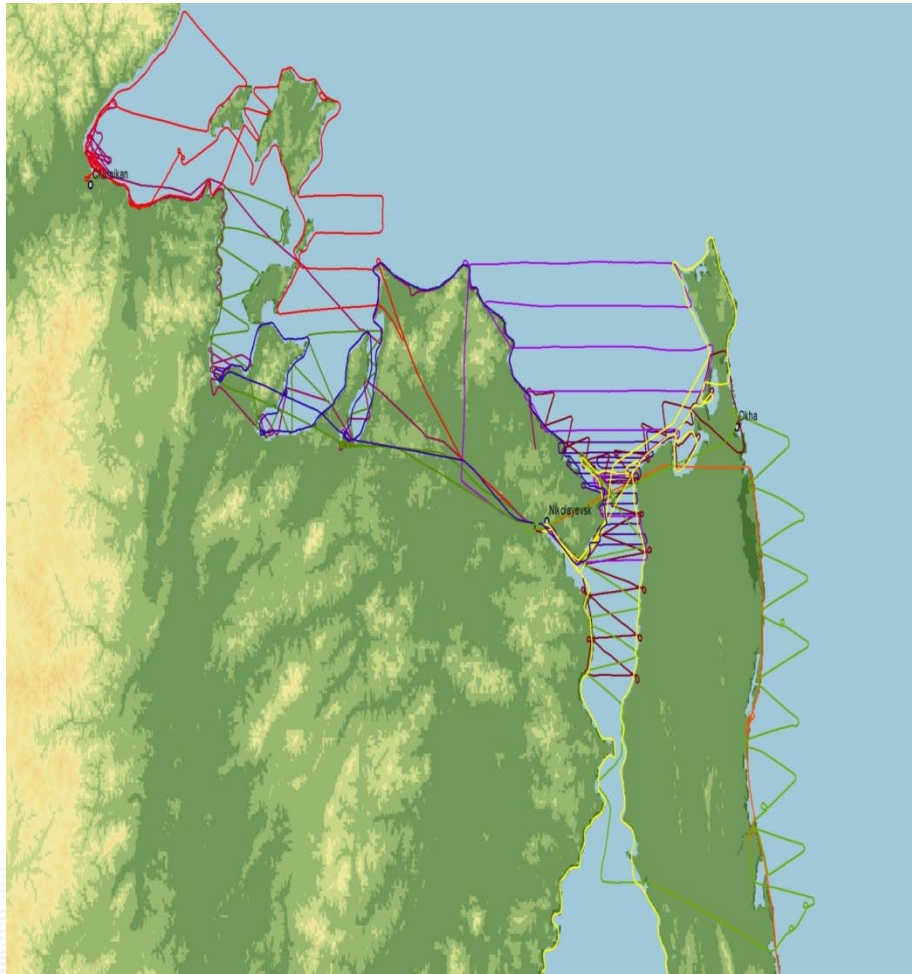
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Aerial survey

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■ Okhotsk Sea Summer 2009



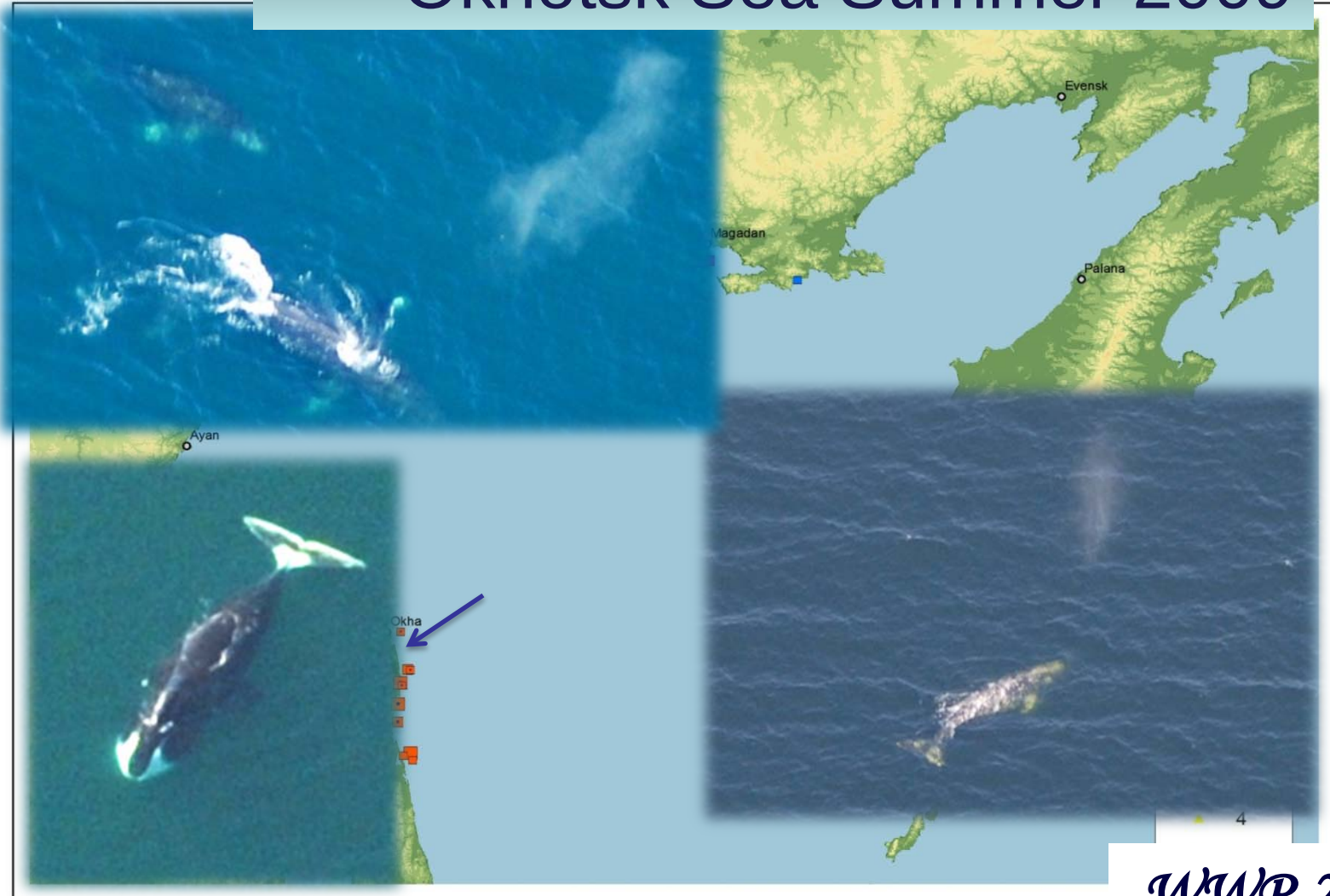
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Aerial survey

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■ Okhotsk Sea Summer 2009



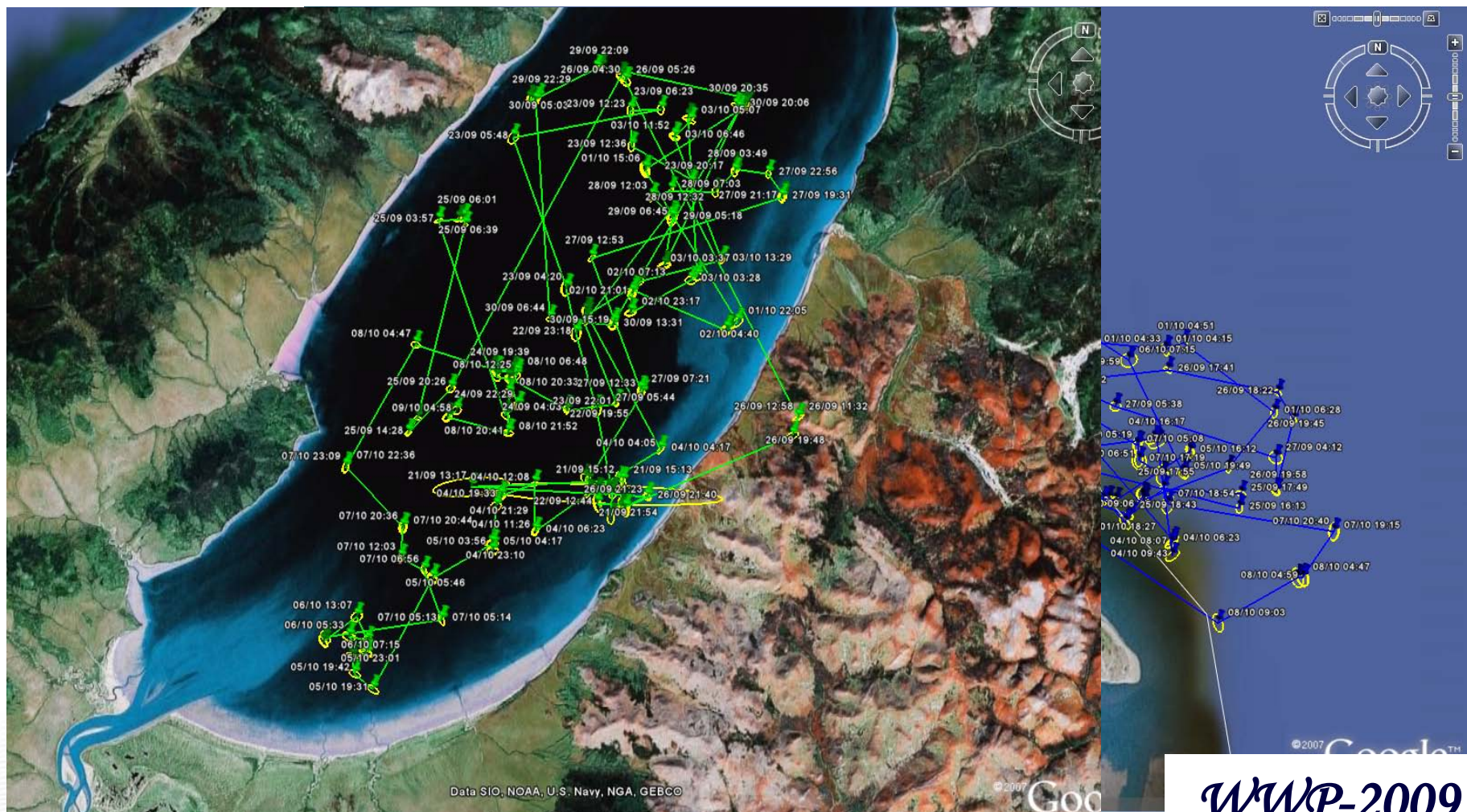
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■ Satellite tagging 2007-2009



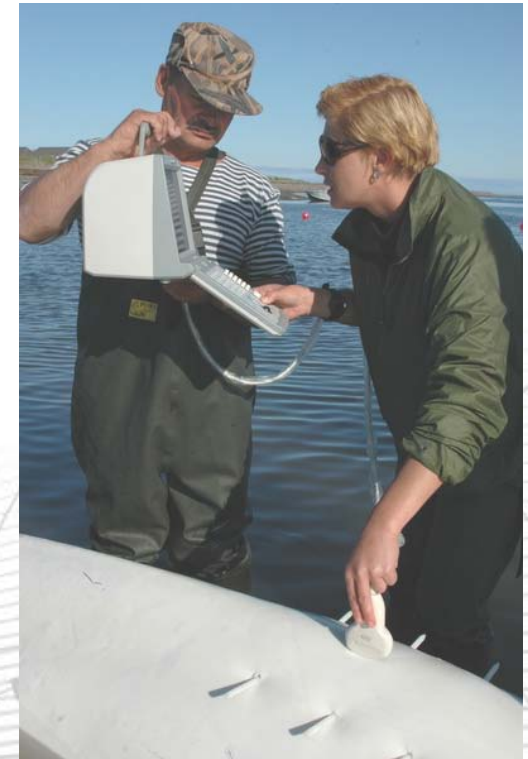
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■ Veterinary and Genetics





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■ Biopsy sampling



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- Visual observations



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■ PhotoID



Thank you for your attention!

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White Whale Program

