

# The Nansen Group

*international activities at*

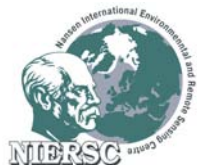
***Nansen Environmental and Remote Sensing Center (NERSC)***

an independent research foundation in Bergen,  
established in 1986 -  
affiliated with the University of Bergen

Lasse H. Pettersson,  
Director, International Relations

***DRAGONESS meeting***

Bergen, 17<sup>th</sup> September 2008

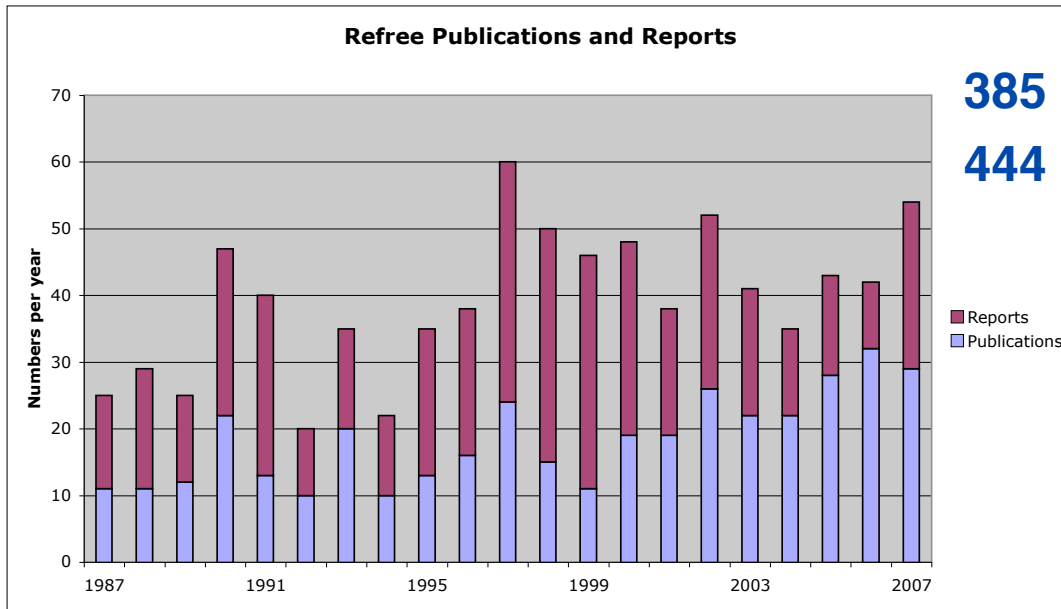


# Our Vision

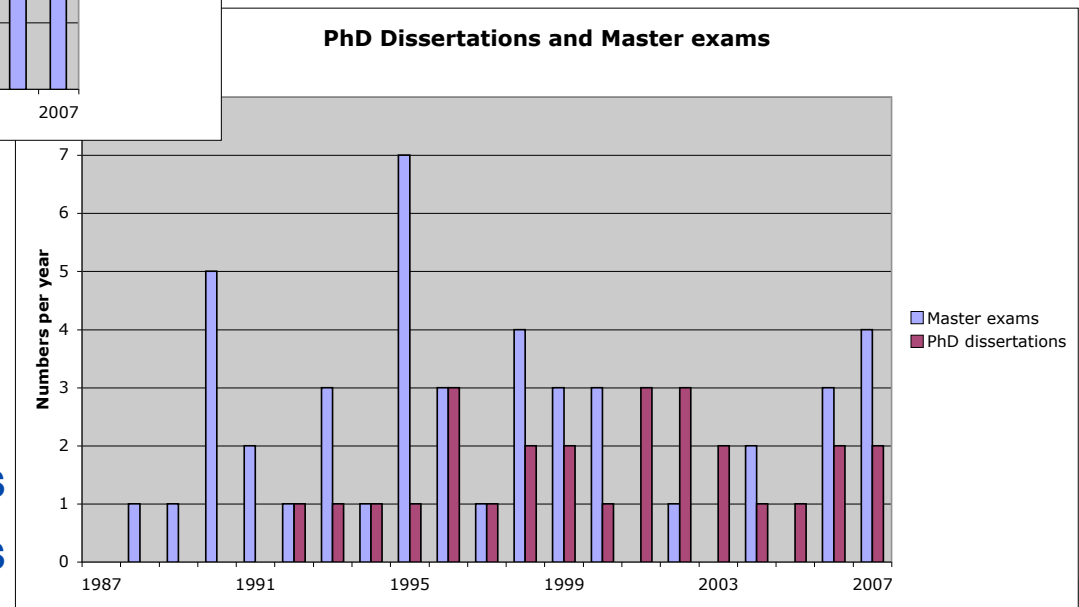
**Understand, monitor and forecast the local, regional and global environment and climate, and their impact on society**



# “NERSC Production”: 1987-2007



**385 referee publications**  
**444 reports**



**27 Ph.D. Dissertations**  
**45 Master exams**



# The Nansen Group



**Nansen Environmental and Remote Sensing Center, Bergen, Norway**

**Nansen International Environmental and Remote Sensing Centre, St. Petersburg, Russia**

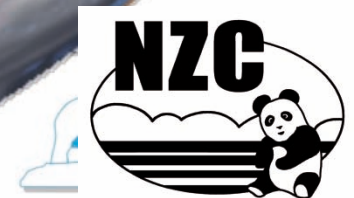
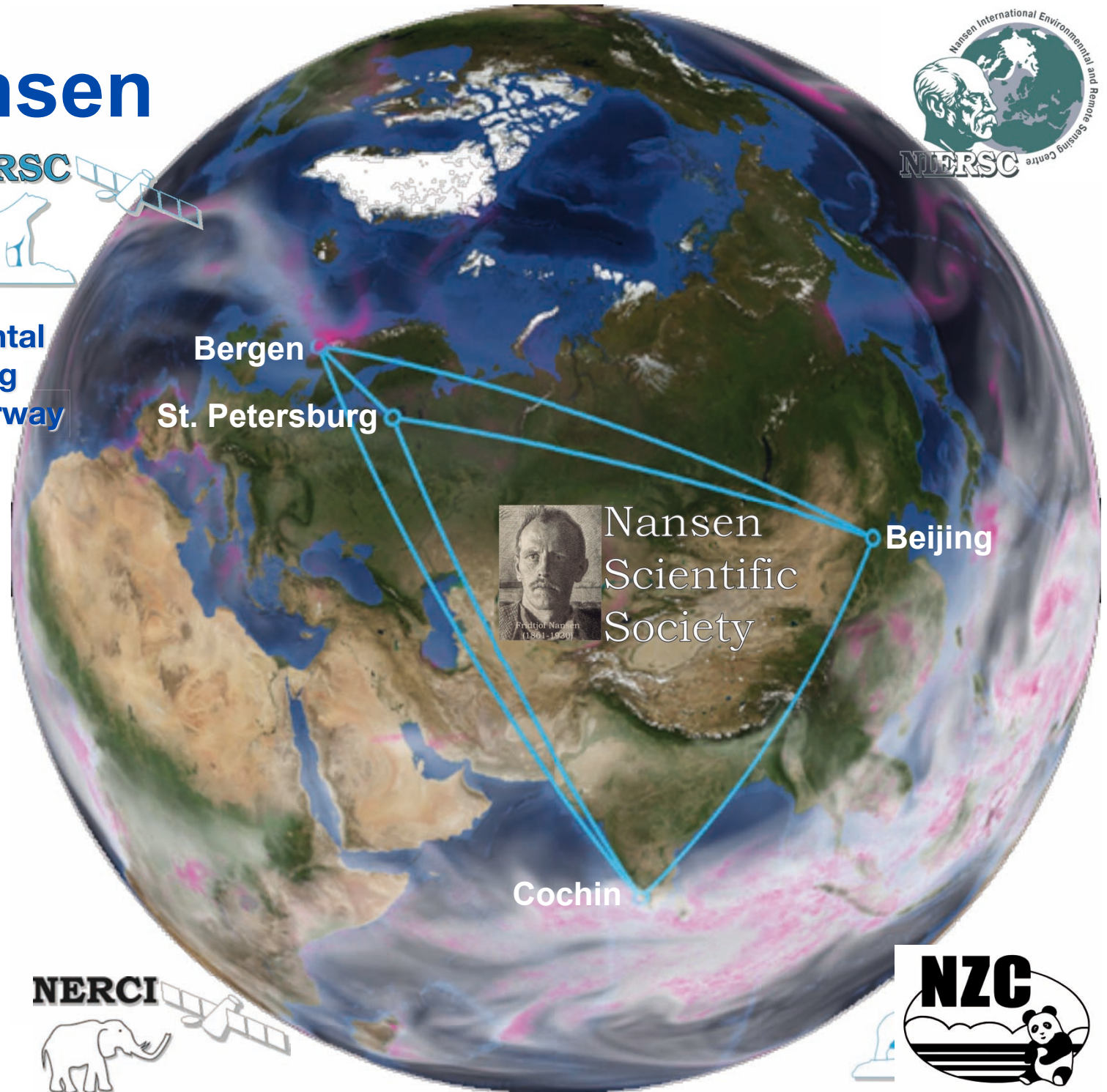
**Nansen Environmental Research Centre - India, Cochin, India**

**Nansen-Zhu International Research Centre, Beijing, China**

**Nansen Scientific Society, Bergen, Norway**

**Terra Orbit AS  
Bergen, Norway**

**Arctica,  
Bergen, Norway ++**







**NIERSC - St. Petersburg, Russia;**

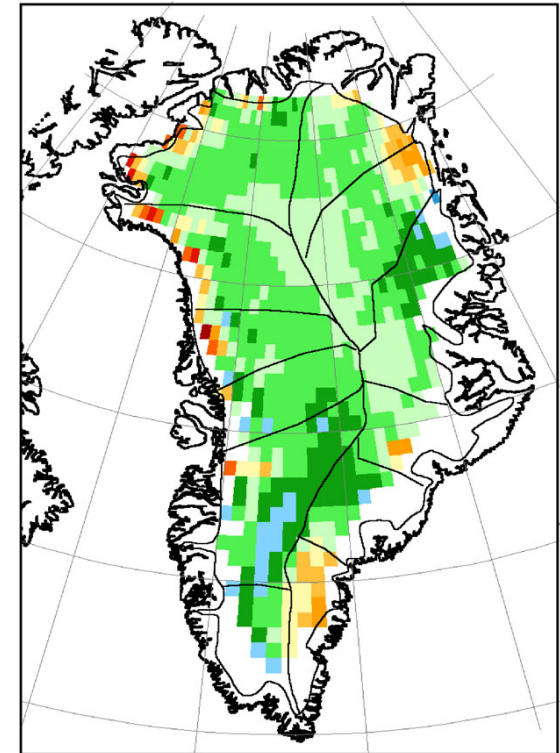
# Research & Education

## Vision

- To understand, monitor and predict climate and environmental changes in the high northern latitudes.

## Research areas;

- Climate variability and change in High Northern Latitudes
- Aquatic ecosystems in response to global change with focus on optical remote sensing and modelling
- Air-sea-ice interactions by micro-wave remote sensing and modelling
- Applied meteorological and oceanographic research for industrial activities
- Higher University education and training



Max-Planck-Institut für Meteorologie  
Max Planck Institute for Meteorology



UNIFOB

Russian Academy  
of Sciences

Saint-Petersburg  
State University

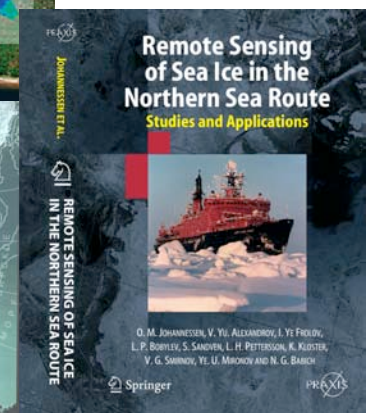
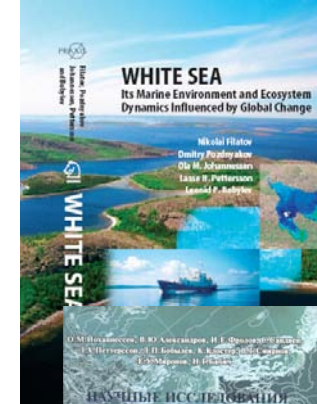
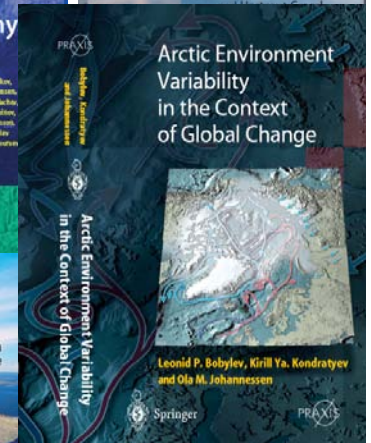
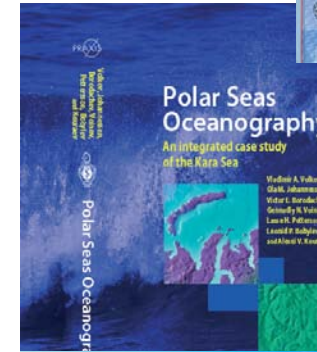
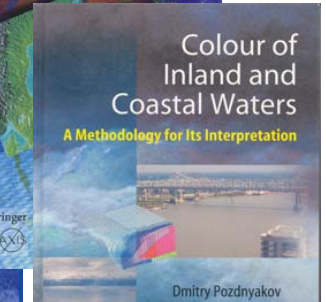
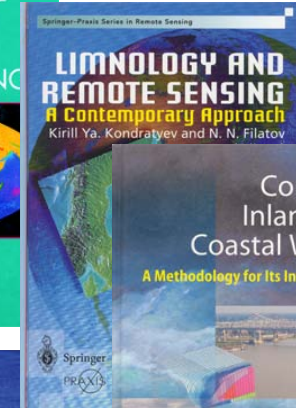
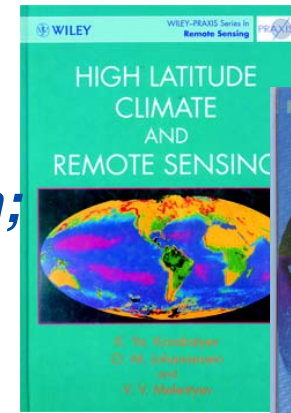




Russian-German-Norwegian cooperation;

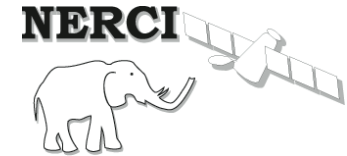
# Summary of 16 years

- EU Decartes Laureate 2005
- 60+ joint international referee publications
- Eight joint books
- 19 Nansen Fellowship doctoral dissertations;
- 110 Nansen Grants to Russian Ph.D. Students
- 31 staff members and 9 Ph.D. Candidates per 2008
- International summer school 2007-  
*“High latitudes climate change”*





# Ongoing Cooperation in India



- Nansen Environmental Research Centre  
- India, Cochin, Kerala
- Indian National Centre for Ocean  
Information Services (INCOIS),  
Hyderabad, Andhra Pradesh
- Cochin University of Science and  
Technology (CUSAT), Cochin, Kerala
- Anna University, Chennai, Tamil Nadu
- Tata Environmental Research Institute  
(TERI), Delhi



# The Nansen-Zhu International Research Centre





# Nansen-Zhu Centre: Partners

- *Institute of Atmospheric Physics/Chinese Academy of Sciences*

Dir. Prof. Huijun Wang

- *Nansen Environmental and Remote Sensing Center*

Dir. Prof. Ola M. Johannessen

- *Peking University*

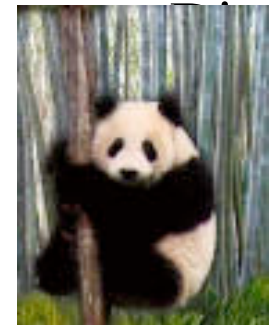
Dep. Dir. Prof. Benkuai Tan

- *University of Bergen*

General director Kari Tove Elvbakken

- *Bjerknes Centre for Climate Research*

Director Prof. Eystein Jansen



Nansen-Zhu International Research Centre, Beijing  
<http://nzc.iap.ac.cn>



# The Nansen-Zhu International Research Centre: Beijing, China

## Vision

**To become an internationally acknowledged climate research and training centre with emphasis on tropical and high-latitude regions, and the interactions between these regions, for past, present and future climate**



Nansen-Zhu International Research Centre, Beijing  
<http://nzc.iap.ac.cn>



# Nansen-Zhu Centre: Staff & “Production”

Full time, part time and affiliated staff:	Peer review publications	Ph.D Dissertations
<b>2003:</b> 18 scientists, tech/admin and students,	12	(1)
<b>2004:</b> 38 scientists, tech/admin and students, of which 15 PhD students	35	3
<b>2005:</b>	24	{ 6
<b>2006:</b> 45 scientists, tech/admin and students, of which 19 PhD students	48	
<b>2007:</b> 58 scientists, tech/admin and students, of which 22 PhD students	34	2
<b>2008:</b> 59 scientists, tech/admin and students, of which 23 PhD students		



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# Nansen Scientific Society

a idealistic foundation for  
*"Knowledge without Borders"*



Nansen  
Scientific  
Society

## VISION:

The vision of the Nansen Scientific Society is that education and research within global environment and climate problems, including their impacts on society for students and young scientists from different countries and cultures will provide a foundation for greater understanding and co-existence in the world - in Nansen's spirit

