



Italian IPY Activities

National Status Report

Harry Beine



Consiglio Nazionale delle Ricerche
Istituto sull'Inquinamento Atmosferico



Italian Nat'l IPY Committee

<http://www.polarnet.cnr.it/csna/IPY/ipy.php>

Italian planning group for IPY

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Coordination

and contribution from 23 Italian groups

ID	SHORT TITLE	TITLE	THEME	LEADER	LOCATION
38	OASIS-IPY	Ocean-Atmosphere-Sea Ice-Snowpack Interactions affecting Atmospheric Biogeochemistry and Ecosystems in the Arctic	Atmosphere/ Ocean/ice	Harry Beine	Arctic
93	ICEFISH-2007	International Collaborative Expedition to collect and study Fish Indigenous to Sub-Antarctic Habitats, 2007	Ocean	Cinzia Verde	Antarctic
137	EBA	Evolution and Biodiversity in the Antarctic: the Response of Life to Change	Ocean	Guido di Prisco	Antarctic
171	POLAR-AOD-IPY	A network to characterize the means, variability, and trends of the climate-forcing properties of aerosols in polar regions	Atmosphere	Claudio Tomasi	Bipolar
189	EBESA	Internationally coordinated studies on Antarctic environmental status, biodiversity and ecosystems. (Environmental, Biological, and Ecological Studies in Antarctica)		Roberto Bargagli	Antarctic

➤ 100 EOI were submitted (ca 10% of total)

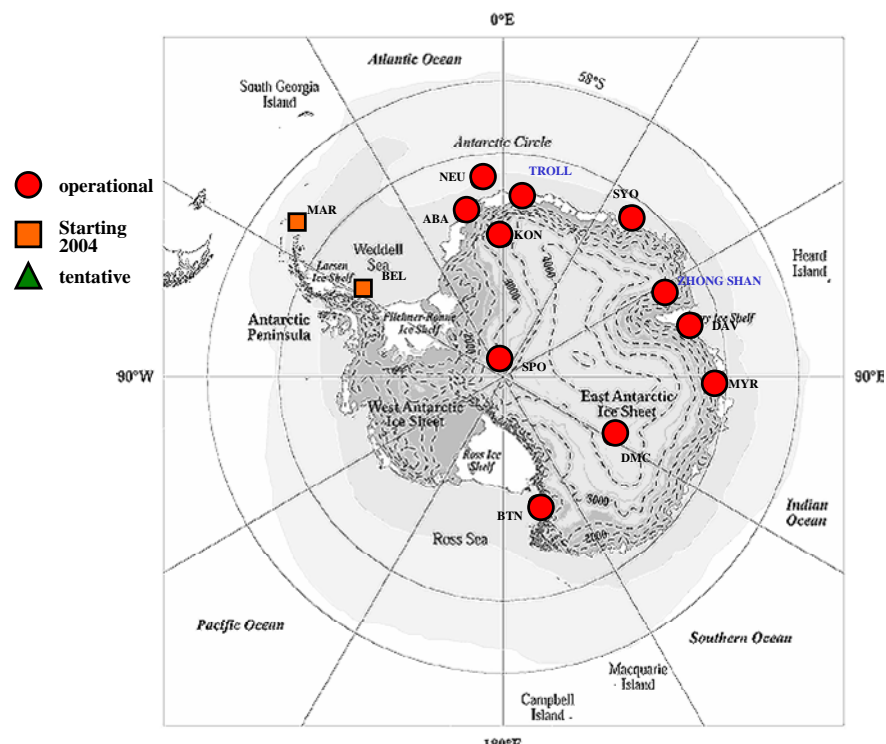
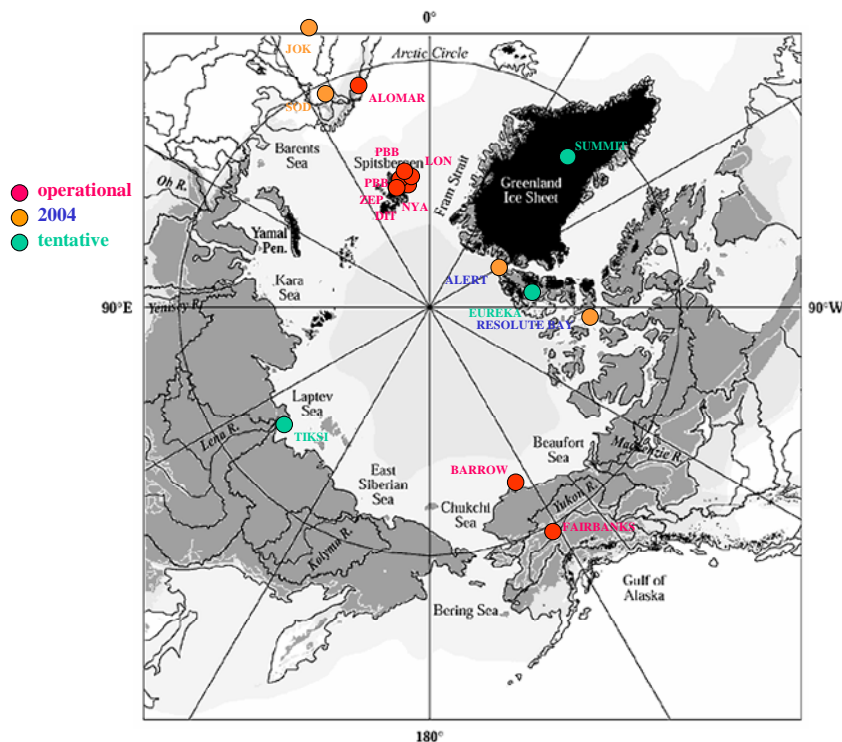
114 Italian Researchers **contribute** to 40 accepted EOI's

180	AC Squared	140	HIAA
54	ACE	16	Hydro-sensor-FLOWS
20	AICI-IPY	63	ICESTAR/IHY
131	Antarctic Marine Ecosystem Studies (AMES)	117	IPICS-IPY
141	Antarctic Sea Ice	35	IPY-GEOTRACES
33	ANTPAS – Antarctic Permafrost And Soils	55	MERGE
39	APEX	99	ORACLE-03
88	ASPID	71	PAME
124	Astronomy from the Poles (AstroPoles)	77	PLATES & GATES
23	BIAC	158	Polar Marine Ecosystems Changes P MEC
130	Bipolar Climate Machinery (BIPOMAC)	32	POLARCAT
53	CAML – A Census of Antarctic Marine Life	185	POLENET
132	CASO	116	RSV-INTREPID
41	CONCORDIA	42	SALE-UNITED
175	Contaminants in POLar regions	8	SASSI
138	Cold Land Processes in the Northern Hem.	83	SCAR-MarBIN
79	From Pole to Pole	66	SYSTCO
91	GIIPSY	152	TASTE-IDEA
210	Global Change – Social Challenges	50	TSP
22	HERMES – the Nordic margin	70	UCAA (Upper-ocean between Africa and Antarctica)



POLAR-AOD IPY : aerosol radiative properties in polar regions

The POLAR-AOD network (21 participating countries) will characterize the means, variability, and trends of the climate-forcing properties of aerosols in polar regions.



IPY 2007-2008

International Collaborative Expedition to collect and study Fish Indigenous to Sub-Antarctic Habitats:



EBA / ICEFISH-2007

The overall goal will be to relate the
evolution,
eco-physiology,
eco-biochemistry, and
population dynamics
of Antarctic fish to their low-latitude relatives





Ocean-Atmosphere-Sea Ice-Snowpack

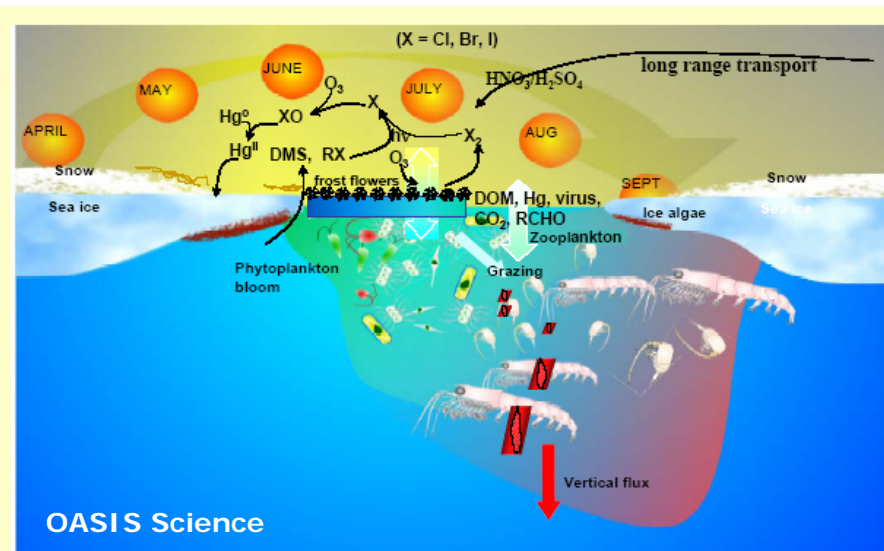
Interactions Program

www.OASIShome.net

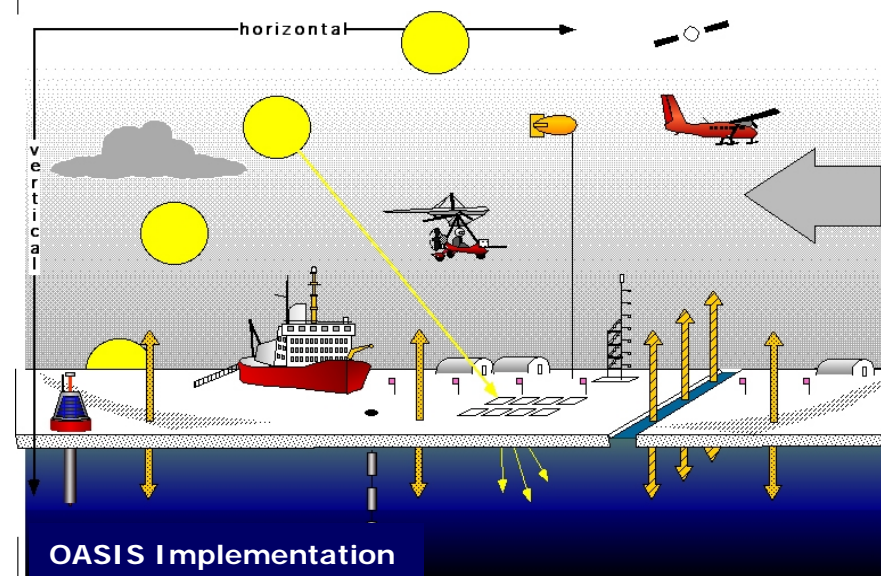


The Arctic Ocean is central to the understanding of climate and global environmental change.

The international, multi-disciplinary **OASIS** program addresses interactions between the air and surfaces and coordinates studies of Arctic atmosphere-surface interactions and associated feedbacks to the climate system.

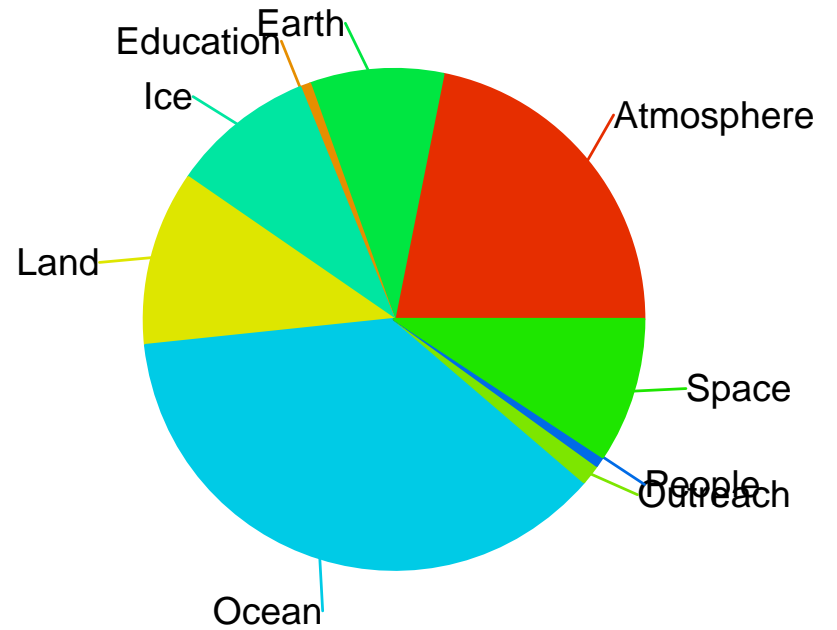
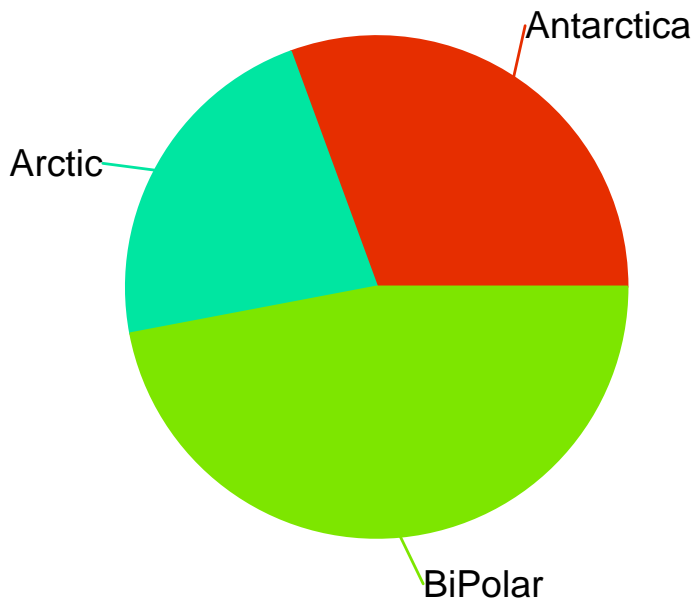


OASIS is a **long term** science program for the **next decade**.



Some Scientific Topics: climate change - mercury deposition & cycling / sea ice & snow chemistry & physics / biological processes producing reactive atmospheric gases / ozone depletion / nitrogen re-emissions / arctic haze / cloud formation / ecological and human health impacts of toxic materials

Italian Researchers work on...



International IPY Funding

Icebreaker time a drag on your research?



OASIS chose not to organize & pay for a dedicated icebreaker cruise due to the uncertain international funding situation



BARROW

- Unlimited time on station
- Walk to work
- Two oceans*, no waiting

*Actually, The Chukchi Sea & The Beaufort Sea

For more information, visit www.arcticscience.org

IPY Funding in Italy

Italy changed parliament and government in May 2006.

The old parliament proposed a budget of 5.5 million €/ year for 4 years (2006 – 2009) for IPY.

The new government intends to support IPY and is drafting a new budget that must be discussed and approved by the parliament.

In the meantime a call for proposals was opened for IPY projects this week with a deadline for Nov. 15, 06.

IPY activities

This year's ***National Conference on Research in Polar Areas*** (Oct 17/18, 06) will focus on the IPY and discuss science, finances, and outreach to increase international collaboration for Italian projects.

(<http://www.csna.it>).