

ICED-IPY Links

ICED-IPY is leading the *Ecosystems and Biogeochemistry of the Southern Ocean* Consortium, linking and coordinating the following Expressions of Interests (EoI):

1. **SCACE:** Synoptic Circum-Antarctic Climate-processes and Ecosystem study.
EoI 16. Leader: *Volker Strass*. Email: vhstrass@awi-bremerhaven.de
2. **ATOS:** Atmospheric inputs of organic carbon and pollutants to the polar ocean: rates, significance and outlook. A Spanish component of the **OASIS** programme.
EoI 147. Leader: *Carlos Duarte*. Email: carlosduarte@imedea.uib.es
3. **SOSA:** Physical and biogeochemical fluxes in the Atlantic Sector of the Southern Ocean during the International Polar Year 2007/08: Southern Ocean South Atlantic box.
EoI 283. Leader: *Brian King*. Email: bak@noc.soton.ac.uk
4. **Effects of CO₂ on CaCO₃ accretion and primary productivity:** The potential decline in rates of CaCO₃ accretion and primary productivity in cold waters due to elevated CO₂ content.
EoI 406. Leader: *John Runcie*. Email: jruncie@usyd.edu.au
5. **BONUS-Goodhope:** Biogeochemistry of the southern Ocean: interactions between NUTrients, dynamics, and ecosystem Structure.
EoI 584. Leader: *Marie Boye*. Email: marie.boyé@univ-brest.fr
6. **SASIE:** Study of Antarctic Sea Ice Ecosystems.
EoI 818. Leader: *Igor Melnikov*. Email: migor@online.ru
7. **BASICS:** A year-round study of Biogeochemistry of Antarctic Sea Ice and the Climate System.
EoI 862. Leader: *Jean-Louis Tison*. Email: jtison@ulb.ac.be Web: http://www.belspo.be/belspo/bepoles/science/today/act/non/sibclim_en.stm
8. **SOS-CLIMATE:** Southern Ocean Studies for Understanding Global-CLIMATE Issues.
EoI 911. Leader: *Carlos Garcia*. Email: dfsgar@furg.br Web: <http://www.goal.ocfis.furg.br/>
9. **CLIMANT:** Climate change in Antarctica: a pelagic-benthic coupling approach to the extremes of the Weddell Sea.
Leader: *Enrique Isla*. Email: isla@cmima.csic.es

ICED-IPY will also act as the link to other related Clusters/Consortia including:

1. **SASSI:** Synoptic Antarctic Shelf-Slope Interactions: an IPY project from iAnZone.
EoI 9. Leader: *Karen Heywood*. Email: K.Heywood@uea.ac.uk Web: <http://roughy.tamu.edu/sassi/sassi.html>
2. **CAML:** A Census of Antarctic Marine Life – to be conducted under the auspices of the international Census of Marine Life.
EoI 83. Leader: *Michael Stoddart*. Email: michael.stoddart@aad.gov.au Web: <http://www.caml.aq/news/>
3. **CASO:** Role of Antarctica and the Southern Ocean in Past, Present and Future Climate: a strategy for the International Polar Year 2007/08 - Climate in Antarctica and the Southern Ocean. Links with this Consortium will be made through **SOSA**.
EoI 109. Leader: *Steve Rintoul*. Email: Steve.Rintoul@csiro.au Web: <http://www.clivar.org/organization/southern/CASO/index.htm>
4. **CCAMLR 2008 Survey:** International CCAMLR 2008 synoptic survey of krill, pelagic fish and plankton biomass and biodiversity in the South Atlantic (Area 48).
EoI 148. Leader: *Volker Siegel*. Email: volker.siegel@ish.bfa-fisch.de
5. **Arctic and Antarctic Sea Levels:** Arctic and Antarctic Sea Level Network Development and Studies of Polar Sea Level Variability.
EoI 211. Leader: *Philip Woodworth*. Email: plw@pol.ac.uk

6. **GEOTRACES:** An international study of the biogeochemical cycles of trace elements in the Arctic and Southern Oceans. Links with this Consortium will be made through **Effects of CO₂ on CaCO₃ accretion and primary productivity, ATOS and BONUS-GoodHope.**
EoI 269. Leader: *Hein de Baar*. Email: debaar@nioz.nl Web: <http://www.geotraces.org/>
7. **Antarctic Sea Ice in IPY.** Links with this Consortium will be made through **BASICS.**
EoI 270. Leader: *Stephen Ackley*. Email: sackley@pol.net Web: <http://www.aspect.aq/>
8. **OASIS-IPY:** Ocean-Atmosphere-Sea Ice-Snowpack (OASIS) Interactions. Links with this Consortium will be made through **ATOS and Carbon in Sea Ice.**
EoI 344. Leader: *Harry Beine*. Email: harry108@gmail.com Web: <http://www.oasishome.net/>
9. **ZERO&DRAKE:** Synoptic transects of trace elements and their isotopes in the Antarctic Ocean. A contribution to the international GEOTRACES programme. Links with this Consortium will be made through **Effects of CO₂ on CaCO₃ accretion and primary productivity.**
EoI 880. Leader: *Hein De Baar*. Email: debaar@nioz.nl

For further details visit <http://www.ipy.org/>