

*****iAOOS and iAOOS-related projects during the IPY:*****

- 1) DAMOCLES -www.damocles-eu.org/ -Lead: Jean Claude Gascard (gascard@lodyc.jussieu.fr)
- 2) iAOOS-Norway: Closing the Loop - www.iaaos.no - Lead: Cecilie Mauritzen (c.mauritzen@met.no)
- 3) The Mooring Based Arctic Ocean Observing System (MAOOS) Collaboration (NSF/NOAA; Igor Polyakov, IARC Fairbanks, USA Telephone: +907-474-2686, Email: igor@iarc.uaf.edu; PI Igor Polyakov, IARC)
- 4) UK-Arctic Synoptic Basin-wide Oceanography” (ASBO). Leads: Sheldon Bacon, Dr. Sheldon Bacon, Ocean Observing and Climate, National Oceanography Centre, Southampton SO14 3ZH, U. K. Email: S.Bacon@noc.soton.ac.uk <http://www.noc.soton.ac.uk/ooc/shb> Tel. +44 23 8059 6441, Fax. +44 23 8059 6204, Skype sheldon_bacon and Dr. Seymour Laxon, Centre for Polar Observation and Modelling, University College London, UK: Tel: +442076793932 Fax: +442076797883, E-mail: swl@cpom.ucl.ac.uk
- 5) iAOOS on the Russian Shelf; the Kara Sea Observing System. Lead PI Mickhael Flint, P.P.Shirshov Institute of Oceanology, Moscow State Civil Engineering University, Dept. of Water Resources and Sea, Moscow. E’mail, m_flint@orc.ru
- 6) Lomonosov Ridge off Greenland (LOMROG) lead Leif Anderson Dept of Mar. Chem., Goteborg Univ., SE-412 Goteborg Sweden, tel: +46 (0)31-772-2774, e’mail: leifand@chem.gu.se
- 7) Seagliders on the Iceland-Scotland Ridge. Joint funding by ONR, NOAA and NSF. Leads: Peter Rhines and Charles Eriksen UW. Peter Rhines, Professor of Oceanography and Atmospheric Sciences, Email: rhines@ocean.washington.edu. <http://iop.apl.washington.edu/seaglider/> or http://iop.apl.washington.edu/seaglider/sections.php?glider=101&mission=Faroes_Jun07
- 8) Bipolar Atlantic Thermohaline Circulation (BIAC) of Norway and Russia. Lead: Tor Gammelsrød, University of Bergen. E’mail Tor.Gammelsrod@gfi.uib.no
- 9). East Greenland Current Array, lead PIs: Robert Pickart Senior Scientist Physical Oceanography WHOI : Office Phone: +1 508 289 2858; Fax: +1 508 457 2181; rpickart@whoi.edu and Thomas W. N. Haine Professor of. Physical Oceanography. office 329 Olin Hall telephone; (410) 516-7048; fax (410) 5167933; e-mail: Thomas.Haine@jhu.edu

10) Canada's Three Oceans (C3O) study Lead Eddy Carmack, (with Vagle, McLaughlin, Melling and international Collaborators). contacts Eddy Carmack Climate Research Oceanographer Institute of Ocean Sciences P.O. Box 6000, Sidney, B.C. V8L 4B2, Canada Tel. (250)-363-6585, Fax. (250)-363-6746 Email: Carmacke@dfo-mpo.gc.ca

11) The C3O-SBE Collaboration; US and Canadian Shelf-Basin Exchange (SBE) studies within the IAOOS System in 2007 Lead : Jackie Grebmeier (with Cooper& Lovvorn). Jackie M. Grebmeier, Research Professor, Chesapeake Biological Laboratory, University of Maryland Center for Environmental Science P.O. Box 38, Solomons, MD 20688, ph. 410-326-7334, fax 410-326-7302 email: jgrebmei@cbl.umces.edu

12) Chinese National Arctic Research Expedition (CHINARE). Lead: Dr Jinping Zhao, Ocean University of China, College of Physical and Environmental Oceanography, Key Lab of Polar Oceanography and Global Ocean Change, Quindao, China. Tel/fax: 86-532-66782096. e'mail: jpzhao@ouc.edu.cn

13) SEARCH-For-DAMOCLES (S4D). Lead Peter Schlosser LDEO, Professor, Dept of Earth and Environmental Science; Palisades, NY 10964. Tel: (845) 365-8707. e'mail: schlosser@ldeo.columbia.edu

14) The Canadian Archipelago Throughflow Study (CAT) lead: Humfrey Melling, Arctic Research Oceanographer. Institute of Ocean Sciences P.O. Box 6000 Sidney, B.C. V8L 4B2 Canada. Tel. (250)-363-6552 , Fax. (250)-363-6746 Email: mellingh@dfo-mpo.gc.ca

15) Glider monitoring of Davis Strait throughflow; (NSF-AON award #0632231, 'An Innovative Observational Network for Critical Arctic Gateways: understanding Exchanges through Davis and Fram Straits' PI Craig Lee APL-UW). Phone: 206-685-7656, E'mail: craig@apl.washington.edu

16) Swedish-Russia collaboration on the N Russian Arctic shelf. Lead: Leif Anderson Dept of Mar. Chem., Goteborg Univ., SE-412 Goteborg Sweden, tel: +46 (0)31-772-2774, e'mail: leifand@chem.gu.se

17) Synoptic Pan-Arctic Climate and Environment Study (Space): Lead: Ursula Schauer A-W-I in partnership with Takashi Kikuchi of JAMSTEC. Contacts: Ursula Schauer, Stiftung Alfred-Wegener-Institut für Polar- und Meeresforschung Bussestraße 24 , D-27570 Bremerhaven, Phone +471-48311817, Fax +47148311797, email: ursula.schauer@awi.de

18) Polar Ocean Profiler System (POPS). Lead Takashi Kikuchi JAMSTEC e'mail takashik@jamstec.go.jp

19) NP35. Russian ice island. Lead: V. Sokolov, Arctic and Antarctic Research Institute, 38 Bering St., St. Petersburg, 199397 Russian Federation e'mail: svt@aari.nw.ru

20) The Ice-Based Observatory. Lead John Toole WHOI (Co-PIs Toole, Krishfield, Proshutinsky, Timmermans, Ashjian (WHOI; see NSF-AON awards #0519899 and #0631951), Perovitch, Richter-Menge (CRREL; NSF-AON award #0612391), Stanton, Shaw (NPS; NSF-AON awards #0520328 & #0632041), Overland (PMEL), Rigor (UW; NSF-AON award #0520287). John M. Toole Senior Scientist Physical Oceanography, Office Phone : +1 508 289 2531, Fax: +1 508 457 2181, e'mail: jtoole@whoi.edu

21) The Beaufort Gyre Observing System: lead Andrey Proshutinsky and Richard Krishfield, WHOI in collaboration with Eddy Carmack, Fiona McLaughlin, IOS, Sidney, Canada; Koji Shimada, Motoya Itoh, JAMSTEC, Japan); [NSF-AON IPY award #0424864: the Beaufort Gyre System: The Flywheel of the Arctic Climate?]. Office Phone: +1 508 289 2796 e'mail aproshutinsky@whoi.edu.

22) International Arctic Buoy Program (IABP) Lead Ignatius Rigor e'mail ignatius@apl.washington.edu

23) Joint Russian-American Long-term Census of the Arctic (RUSALCA) Lead Kathy Crane, NOAA Arctic Research Office NOAA Oceanic and Atmospheric Research R/AR 1315 East West Highway Silver Spring, MD 20910. Tel: 301-7132518, ext. 156, e'mail: Kathy.Crane@noaa.gov

24) North Pole Environmental Observatory (NPEO); NSF-AON IPY awards #0352754 and #0634226: Lead PI Jamie Morison, APL Polar Science Center, University of Washington, Seattle, e'mail morison@apl.washington.edu

25) Topaz modelling, developed within the MERSEA European project and operated by the Mohn-Sverdrup Center at the Nansen Environmental and Remote Sensing Center, Bergen, Norway <http://topaz.nersc.no> .. See also <http://www.mersea.eu.org>. Topaz Lead: Laurent Bertino, Nansen Environmental and Remote Sensing Center, Thormøhlensgt. 47 N-5006 Bergen Norway Phone: +47 55 20 58 61 (work) e'mail: Laurent.Bertino@nersc.no; www.nersc.no/~laurentb/

26) Circumpolar Flaw Lead Study Lead David Barber U Manitoba, [with Stern (DFO), Deming (UW), co-leads, plus 200 collaborators from 15 countries]. David Barber, Canada Research Chair in Arctic system science, Tel 204.474.8418, Fax 204.261.0325, Email research@umanitoba.ca

27) Investigation of the effect of Climate Change on Nutrients and carbon Cycles in the Arctic Ocean. Lead PI Roger Francois (UBC) Professor Canada Research Chair (Marine Geochemistry for Global Climate Change) Office,

Phone: 604-822-6355 E-mail: rfrancois@eos.ubc.ca

28) Circulation, Cross-Shelf Exchange, Sea Ice, and Marine Mammal Habitats on the Alaska Beaufort Sea Shelf. lead Tom Weingartner of University of Alaska, Fairbanks, P.O. Box 757220, University of Alaska Fairbanks, Fairbanks, AK 99775-7220, Phone: (907) 474-7993, e'mail weingart@ims.uaf.edu