

CURRICULUM VITAE

PERSONAL DETAILS:

Name: **Aleksey Vladimirovich Koldunov**

Born: 4 December 1982, Leningrad, USSR

Citizenship: Russia, Saint Petersburg.

Email: koldunovaleksey@gmail.com

Marital Status: single

FIELDS OF INTERESTS: remote sensing of ocean surface; primary productivity of the ocean, fishery oceanography, statistic analysis, biotic modeling

EDUCATION:

2000 - 2005. Specialist in oceanography, Department of oceanography, Faculty of Geography, St. Petersburg State University, St. Petersburg, Russia. Diploma title: "Relation of fish's quantity to hydrometeorological and geophysical factors in the NorthWest Pacific" (in Russian).

1991 - 2000. Ecological Schoollyceum #273, St. Petersburg.

ADDITIONAL EDUCATION:

2006. Diving courses at Russian State Hydrometeorological University.

2005. International courses at the International Baltic University Program "The Baltic University": "English for Environmental Science".

2003. International courses at the International Baltic University Program "The Baltic University": "A Sustainable Baltic Region".

2002. International courses at the International Baltic University Program "The Baltic University": "The Baltic Sea Environment".

PROFESSIONAL EXPERIENCE:

October 2005 – present: postgraduate student (Ph.D. student), Department of oceanology, Faculty of Geography, St. Petersburg State University, St. Petersburg, Russia.

Thesis: "Satellite informationbased study of the oceanographic conditions of formation of local areas with high biological and fishery productivity".

Scientific Adviser - Prof. Dr. Viktor R. Foux

August 2005 – present: Research Assistant, laboratory of Regional oceanography at St. Petersburg State University, St. Petersburg, Russia.

SCIENTIFIC EXPEDITIONS:

August 2003 - PINRO (Murmansk), laboratory assistant – oceanographer. Work in the Barents Sea on vessel "Romuald Muklevich"

Summer 2002 Work in the White Sea (Kandalakshsky bay) as a student.

Summer 2006, Environmental educational expedition "VepssTerra" at Vepssky wood, as a teacher.

Summer 2003, 2004, 2005, Environmental educational expedition "Romantika" at Vepssky wood, as a teacher.

Summer 1998, 1999, 2000, 2001, Environmental educational expedition "Jhyvaya voda" ("Live water") at Vepssky wood, 1998,1999,2000 as a student, 2001 as a teacher.

SKILLS:

Languages: Russian (native speaker), English (good).

Oceanographic equipment: Work with CTD: Sea Bird (SBE 19plus), Nansen bottles and Hg reversing thermometers.

current meters: AARI (Vector2); Nortek Aquadopp 2000 .

Computer skills: User of Windows & Linux;

Computer languages: Matlab, Fortran, Basic;

Programs: Matlab, Surfer, Statistica, Microsoft office, Photoshop

PROFESSIONAL SOCIETIES:

Russian Geographic Society (Oceanographic Commission), Russia, 2005 present.

RESEARCH GRANTS:

2006- «The NANSEN Grant – 2006»

2004 - 2006. Russian Federation State Research Project “The World Ocean”. The sea level of northern part of the Pacific Ocean, as an indicator of local and global tendencies in climate changes. Member of the team.

CONFERENCES AND SEMINARS:

2004 Summer Seminar “Restpration Ecology – Healing Aquatic Environments”, Hel, Poland

PUBLICATIONS:

ABSTRACTS

Belonenko, T.V., Koldunov, A.V., 2005. Interrelation of a sea level deviations and water temperature in the NorthWest Pacific. *Izv. TINRO*. Vol.140. pp 273279.

[Belonenko, T.V.](#), [Koldunov, A.V.](#) 2006. Steric oscillations of the sea level in the northwestern Pacific. *Vestnik SanktPeterburgskogo Universiteta, Seriya Geologiya i Geografiya* 2006 (3), pp. 8187.

Koldunov A.V. and Fuks V.R. Dynamicstochastic analysis of spatialtemporal variability of primar production in the Japan Sea. International conference «Advances of satellite oceanography: understanding and monitoring of Asian Marginal Seas». Vladivostok, Russia 36 October, 2007. 160 pp. (7375)

Koldunov A.V., Fuks V.R. Dynamic and stochastic analysis of variability of the primary production in the ocean on the basis of satellite data. In “Large Marine Ecosystems of Russia in the Epoch of Global Change (Climate, Resources, Management): Materials of the International Scientific Conference (Rostov-on-Don, October 1013, 2007). Rostov-on-Don: SSC RAS Publishing House, 2007. 312 pp. (7072).

Fuks V.R., Koldunov A.V. Dynamicstochastic analysis of White Sea primary production on the basis of satellite information. In “Problems of studying, rational use and protection of the White Sea natural resources: Materials of X International Conference”. – Arkhangelsk: SGMU Publishing house, 2007. – 478 pp.(230233).

Koldunov A.V., Kuzmina A.A., Fuks V.R. Satellite monitoring of White Sea frontal zones. In “Problems of studying, rational use and protection of the White Sea natural resources: Materials of X International Conference”. – Arkhangelsk: SGMU Publishing house, 2007. – 478 pp.(3133).

POSTERS:

Tatyana V. Belonenko and Alexey V. Koldunov. Research of the interrelation of a sea level deviations and water temperature fluctuations in the northwest part of the Pacific on the satellite information basis. *PICES XIII S111806 Eposter*. 2004.

Tatyana V. Belonenko and Alexey V. Koldunov. Research of the interrelation of a sea level

deviations and water temperature fluctuations in the northwest part of the Pacific on the satellite information basis. North Pacific Marine Science Organization. Thirteenth Annual Meeting. Honolulu, Hawaii, USA. (S111806) PICES XIII. P. 151.

Belonenko Tatyana V. and Koldunov Alexey V. Steric level of a northwest part of Pacific ocean at various climatic scenarios. PEACE III, Qingdao, China. 29-30 November, 2006. (In print).

Belonenko Tatyana V. and Koldunov Alexey V. Rates of steric sea level variation for the Kuril area in the North Pacific. North Pacific Marine Science Organization. 15th Annual Meeting, Japan, Yokohama. (POC_Paper2770). PICES XV. P. 159.