



## Dr. Georgievich Makarov Viatcheslav

**Nivel máximo de estudios:** Doctorado

**Categoría Laboral:** Prof. Titular "B"

**Categoría Académica:** Prof. De Asignatura

**Nivel SNI:** 1

**Área de Adscripción:** Oceanografía Física

**Área de Investigación:** Modelación Numérica Aplicada a  
Procesos Dinámicos del Océano

### Producción científica y académica reciente:

- Makarov Viatcheslav Georgievich. 2012. Dipole evolution in rotating two-dimensional flow with bottom friction. *Physics of Fluids*. 24(026602): 1-19.
- Makarov Viatcheslav Georgievich, Sokolovskiy M. A., Kizner Z.. 2012. Doubly symmetric finite-core heton equilibria. *Journal of Fluid Mechanics*. 708: 397-417.
- Makarov Viatcheslav Georgievich, Kizner Z.. 2011. Stability and evolution of uniform-vorticity dipoles. *Journal of Fluid Mechanics*. 672: 307-325.
- Makarov Viatcheslav Georgievich, Budaeva V. D.. 2009. Reconstruction of background water density distribution at the northeastern Sakhalin coast for the summer period based on parameterization of vertical water-mass structure. *REA Special Issue: Environmental aspects of the oil-gas fields development*. 1(1): 146-161.
- Makarov Viatcheslav Georgievich, Zaytsev Oleg V., Budaeva V.D., Salinas González Felipe. 2008. A piecewise curve-fitting technique for vertical oceanographic profiles and its application to density distribution. *Journal of Oceanography*. 64(5): 675-690.
- Makarov Viatcheslav Georgievich, Bulgakov S.N.. 2008. Regimes of near-wall vortex dynamics in potential flow through gaps. *Physics of Fluids*. 20(8): 1-11.
- Budaeva V.D., Zuenko Yu I., Makarov Viatcheslav Georgievich. 2006. Water structure and circulation in the Sukhodol Bay (Ussuri Bay, Japan Sea). *Inzvestiya Tikhookeanskogo Nauchno-Issledovatel'skogo Instituta Rybnogo Khozyajstva i Okeanografii*. 146: 226-234.
- Budaeva V.D., Makarov Viatcheslav Georgievich, Chastikov V.N. 2005. Results of hydrological studies of Aniva Bay in 2001-2003 (waters structure and circulation). *Water life biology, resources status and condition of inhabitation in Sakhalin-Kuril region and adjoining water area: Transactions of Sakhalin Research Institute of Fisheries and Oceanography*. Yuzhno-Sakhlins. 7: 83-110.
- Belan T.A., Budaeva V.D., Makarov Viatcheslav Georgievich, Propp L.N., Selina M.S., Orlova T.Yu., Stonik I.V.. 2005. Oceanographical and hydrobiological investigations along North East Saklain island in summer 2003. *Pacific Oceanography*. 3(1): 6-69.

- Bogdanovsky A., Kochergin I.E., Arshinov I.A., Budaeva V.A., Makarov Viatcheslav Georgievich, Mishukov V.F., Rybalko S.I., Tunegolovets V.P.. 2004. Results of potential oil spill modeling in Aniva Bay and La Perouse Strait. PICES Scientific Report. Proceedings of the Third Workshop on the Okhotsk Sea and Adjacent Areas. 26: 241-244.
- Budaeva V.D., Shevchenko G.V., Makarov Viatcheslav Georgievich, Kantakov G.A., Chastikov V.N.. 2004. Specific feature of seasonal and interannual variability of water structure and circulation in Aniva Bay during 2001-2003. PICES Scientific Report. Proceedings of the Third Workshop on the Okhotsk Sea and Adjacent Areas. 26: 55-63.
- Kochergin I.E., Bogdanovsky A.A., Arshinov I.A., Budaeva V.D., Kupera N.S., Makarov Viatcheslav Georgievich, Rybalko S.I., Fyman P.A.. 2003. On-line oil spill modeling in marginal seas of western Pacific for Russian navy exercises in August. Pacific Oceanography. 1(2): 194-197.
- Bogdanovsky A.A., Kochergin I.E., Arshinov I.A., Budaeva V.D., Makarov Viatcheslav Georgievich, Mishukov V.F., Rybalko S.I., Tunegolovets V.P.. 2003. Modeling of probable oil spills in the Aniva Bay and La Perouse Strait. FERHRI Special Issue. 4: 118-125.
- Bogdanovsky A.A., Kochergin I.E., Arshinov I.A., Budaeva V.D., Makarov Viatcheslav Georgievich, Mishukov V.F., Rybalko S.I., Tunegolovets V.P.. 2003. Modeling of potential oil spill fate between Hokkaido and Sakhalin Islands. Pacific Oceanography. 1(1): 76-78.
- Makarov Viatcheslav Georgievich, Jiménez Illescas Ángel Rafael. 2003. Barotropic background currents in the Gulf of California. Ciencias Marinas. 29(2): 141-153.

#### Investigación:

- Estados multisinmétricos de equilibrio y la estabilidad de los vórtices baroclinicos cuasi-geostroficos
- El análisis numérico de la estabilidad de los estados de equilibrio de los remolinos cuasi-geostroficos.

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