

## CURRICULUM VITAE

<b>Name</b>	Eugene A. Silow
<b>Date of birth</b>	17.08.1963
<b>Institution:</b>	Irkutsk State University
<b>Department:</b>	Institute of Biology Chair of invertebrate zoology and aquatic ecology
<b>Address:</b>	Lenin str., 3, POBox 24, Irkutsk, 664025, Russia Sukhe-Baator str., 5, Irkutsk, 664003, Russia
<b>Phone (of):</b>	+7 395 224 3077 +7 395 224 1870
<b>Fax</b>	+7 395 234 0007 +7 395 224 1855
<b>Email:</b>	<a href="mailto:eugenesilow@gmail.com">eugenesilow@gmail.com</a>
<b>Phone (h):</b>	+7 395 233 4479
	<b>Phone (m):</b> +7 902 578 0068

---

### List of selected publications (total 147 + 81 abstracts)

1. Hampton S.E., L.R. Izmet'seva, M.V. Moore, S.L. Katz, B. Dennis and E.A. Silow. 2008. Sixty years of environmental change in the world's largest freshwater lake – Lake Baikal, Siberia. *Global Change Biology*. 14: 1947-1958. DOI: 10.1111/j.1365-2486.2008.01616.x.
2. Moore M.V., S.E. Hampton, L.R. Izmet'seva, E.A. Silow, E.V. Peshkova and B.K. Pavlov. 2009. Climate Change and the World's "Sacred Sea" – Lake Baikal, Suberia. *BioScience*. 59 (5): 405–417. DOI: 10.1525/bio.2009.59.5.8.
3. Silow E.A., Mokry A.V. and S.E. Jørgensen. 2011. Some Applications of Thermodynamics for Ecological Systems. In: J.C. Moreno-Pirajan (Ed.). *Thermodynamics - Interaction Studies - Solids, Liquids and Gases*. Vienna: InTech. Pp. 319-342. ISBN: 978-953-307-563-1.
4. Sharma S., D.K. Gray, J.S. Read, ..., E.A. Silow et al. 2015. A global database of lake surface temperatures collected by in situ and satellite methods from 1985–2009. *Scientific Data*. 2.: 150008. 19 pp. DOI: 10.1038/sdata.2015.8.
5. Kraemer B. M., O. Anneville, S. Chandra, ..., E. Silow et al. 2015. Morphometry and average temperature affect lake stratification responses to climate change. *Geophysical Research Letters*. 42(12): 4981-4988. doi:10.1002/2015GL064097.
6. Katz S.L., L.R. Izmet'seva, S.E. Hampton, T. Ozersky, K. Schapov, M.V. Moore, S.V. Shimaraeva and E.A. Silow. 2015. The "Melosira years" of Lake Baikal: winter environmental conditions at ice onset predict under-ice algal blooms in spring. *Limnology and Oceanography*. 60(6): 1950-1964 DOI:10.1002/lno.10143.
7. O'Reilly C.M., D.K. Gray, S. Sharma, ..., E. Silow et al. 2015. Rapid and highly variable warming of lake surface waters around the globe. *Geophysical Research Letters*. 42. doi:10.1002/2015GL066235.
8. Kraemer B.K., S. Chandra, A.I. Dell, M. Dix, E. Kuusisto, D.M. Livingstone, G. Schladow, E. Silow, L.M. Sitoki, R. Tamatamah, P.B. McIntyre. A metabolic approach to understanding global patterns in the response of lake ecosystems to warming. 2016. *Global Change Biology*. 22,(10). doi: 10.1111/gcb.13459.
9. Timofeyev M.A., E.A. Silow, A.W. Mackay, M.V. Moore, G.E. Likens. 2017. Monitoring: safeguarding the world's largest lake. *Nature*. 538(7623): 41. doi:10.1038/538041a.
10. Hampton S.E., ..., E.A. Silow, ..., M.A. Timofeyev et al. 2017. Ecology under lake ice. *Ecology Letters*. 20(1): 98–111. Doi: 10.1111/ele.12699
11. O'Donnell D., P. Wilburn, E. Silow, L. Yampolsky, E. Litchman. 2017. Nitrogen and phosphorus colimitation of phytoplankton in Lake Baikal: insights from a spatial survey and nutrient enrichment experiments. *Limnology and Oceanography*. 62. First Published: 12 February 2017. DOI:10.1002/lno.10505.
12. Woolway, R. I., L. Carrea, C. J. Merchant, M. T. Dokulil, E. de Eyto, C. L. DeGasperi, J. Korhonen, W. Marszelewski, L. May, A. M. Paterson, A. Rimmer, J. A. Rusak, S. G. Schladow, M. Schmid, S. V. Shimaraeva, E. Silow, M.A. Timofeyev, P. Verburg, S. Watanabe, and G. A. Weyhenmeyer. 2017. Lake surface temperature. *Bulletin of the American Meteorological Society* - 98 (8), S13–S14, doi:10.1175/2017BAMSStateoftheClimate.1.
13. Kraemer B.M., Chandra S., Dell A.I., Dix M., Kuusisto E., Livingstone D.M., Schladow S.G., Silow, E., Sitoki L.M., Tamatamah R., McIntyre P.B. 2017. Global patterns in lake ecosystem responses to warming based on the temperature dependence of metabolism. *Global Change Biology*. 23(5): 1881-1890. DOI: 10.1111/gcb.13459.
14. Woolway R. I., L. Carrea, C. J. Merchant, M. T. Dokulil, E. de Eyto, C. L. DeGasperi, J. Korhonen, W. Marszelewski, L. May, A. M. Paterson, A. Rimmer, J. A. Rusak, S. G. Schladow, M. Schmid, S. V. Shimaraeva, E. A. Silow, M. A. Timofeyev, P. Verburg, S. Watanabe, and G. A. Weyhenmeyer. 2018. Lake surface temperature. *Bull. Amer. Meteor. Soc.* 99(8): S13-S15. doi:10.1175/2018BAMSStateoftheClimate.1.

### Editor-in Chief of

UPI Journal of Chemical and Life Sciences  
African Journal of Biological Sciences

### Awards

Certificate for Excellence in Reviewing (Ecological Modelling, 2013)  
Chandler-Misener Award for the best paper of 2016 (IAGLR, 2017).  
Honorary President of Unique Pub International editing house.