

CURRICULUM VITAE

Elena Golikova

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Personal details: born 19 August 1980 St-Petersburg, Russia.

Current position:

Junior Researcher, Dept. of Invertebrate Zoology, Faculty of Biology, St-Petersburg State University (SPSU).

Research interests: Benthic foraminifera as bioindicators of anthropogenic environmental impact, arctic benthic foraminiferal assemblages, salt marsh foraminifera, salt marshes of the high latitudes.

Education:

St. Petersburg State University (SPSU), Faculty of Biology and Soil Science

2006 – Postgraduate school at the Dept. of Invertebrate Zoology

2003 – MS in Invertebrate Zoology

2001 – BS in Biology

Teaching experience:

2018 International course “Evolutionary and taxonomic diversity of marine invertebrates”, St Petersburg University and Educational and Research Station "Belomorskaia" (SPbU) at the White Sea, Russia, 25 July - 19 August 2018, students' advisor.

2016- up to present: Practical training course in Invertebrate Zoology for schoolers of Academic Gymnasium of the SPSU, advisor

2016-up to present: Practical training course in Soil Zoology for undergraduate students, Institute of Earth Sciences of SPSU, students' advisor

2004-2014: Summer Practice in Invertebrate Zoology for undergraduate students, Faculty of Biology SPSU (Marine Biological Station of the SPSU, White Sea), students' advisor

2001-2014: Practical training course in Invertebrate Zoology for undergraduate students, Faculty of Biology, SPSU, students' advisor

Field experience:

- Barents Sea, coastal expedition, participating scientist: July 2015, July 2016
- White Sea Biological station of ZIN RAS: June-August 1999-2001; October 2014-2016; April 2014; 2016; May-June 2014
- North Sea, RV *Alkor* (GEOMAR, Kiel, Germany), participating scientist: May 2014
- White Sea, RV *Prof. Kuznetsov*, participating scientist: August 2012
- Solovetsky archipelago (Onega Bay, White Sea), coastal expedition, participating scientist: July 2001; July 2004; July 2009
- White Sea, Kandalaksha State Nature Reserve, coastal expedition, participating scientist: July 2007
- Marine Biological Station of SPSU (Kandalaksha Bay, White Sea), coastal expedition: every year in different seasons since 1998

Grants:

2018 Travel grant of the St Petersburg University for participation in the 53rd European Marine Biology Symposium, Ostend, Belgium, 17-21 September, 2018, principal investigator.

2018-2020 “Environmental monitoring of Arctic coastal ecosystems: Sensitivity to petroleum pollution (Arctic EcoSens)”. Norwegian-Russian project funded by the Research Council of Norway together with Russian Foundation for Basic Research (project number 18-54-20001), participant.

2017-2018 “Teleconnections of the Late Quaternary paleoclimatic events between the subpolar North Atlantic and Southern ocean (Indian sector)” funded by the Russian Science Foundation (project number 16-47-02009), participant.

2014-2016 “Environmental Management of Petroleum activities in the Barents Sea: Norwegian-Russian collaboration (EMAP)” – Norwegian-Russian project funded by the Research Council of Norway (Project Number: 233635) together with Russian Foundation for Basic Research (project number 14-04-93083), participant.

2014 “Subpolar salt marsh foraminifera”, OSL-14-11 (Otto Schmidt Laboratory for Polar and Marine Research, Arctic and Antarctic Research Institute) funded by German Ministry for Education and Research (BMBF), participant.

2012-2014 “Taxonomic revision, phylogenetic analysis and morphospecies structure in the order Himatismenida (Amoebozoa incertae sedis)” funded by the Russian Foundation for Basic Research (project number 12-04-01835), participant.

2009-2011 “Biodiversity, population structure and species problem among naked lobose amoebae” funded by the Russian Foundation for Basic Research (project number IAS 1.15.225.2009), participant.

Short-term visits:

May 2014: GEOMAR, Kiel, Germany. Collaboration with Dr. Joachim Schönfeld. Financial support from OSL-14-11 grant and RFBR 14-04-93083 grant.

Cruise reports:

2014 Schönfeld, J., Golikova, E., Jurkat, L., Lange, M., Mey, R., Milker, Y., Müller-Navarra, K., Schmid, S., Schmiedl, G., Wein, T. and Weissenbach, J. Cruise Report ALKOR 438 [AL438] - Foraminiferal biomonitoring in the North Sea, May 29 - May 31, 2014, Kiel (Germany) - Kiel (Germany) GEOMAR Helmholtz-Zentrum für Ozeanforschung, Kiel, Germany, 54 pp. <http://oceanrep.geomar.de/26578/>; DOI 10.3289/CR_AL438.

Participation in conferences & workshops:

- 2018** "Arctic EcoSens-2018": Russian-Norwegian Bilateral Cooperation Project, 03-05 October 2018, St. Petersburg, Russia.
- 2018** The 53rd European Marine Biology Symposium (EMBS53), Ostend, Belgium, 17-21 September 2018.
- 2018** The International Symposium on Foraminifera – FORAMS 2018, Edinburgh, UK, 17-22 June 2018.
- 2017** XXII International Conference on Marine Geology, Moscow, Russia, 20 – 24 November 2017.
- 2017** International workshop "Bridging gaps and generations in foraminiferal biomonitoring: toward a new COST Action on pollution monitoring", Department Geosciences, University of Fribourg, Switzerland, 23-27 September 2017.
- 2017** 10th International Workshop on Agglutinated Foraminifera (IWAf-10), Congress Centre of Slovak Academy of Sciences, Smolenice Castle, Slovakia, April 19-23, 2017.
- 2016** The Young Systematists' Forum, 25th November 2016, National History Museum, London, UK.
- 2016** The Norwegian-Russian research seminar "Biomonitoring methodologies of offshore oil and gas activities in Norway and Russia", 15-16 November 2016, St. Petersburg, Russia.
- 2016** The Batsheva de Rothschild Workshop "Live Foraminifera as a new model system for monitoring and reconstructing marine environments", 10-16 September 2016, Eilat, Israel.
- 2016** TMS Foraminifera and nannofossil groups joint meeting 2016: From life strategies to the geological record, Anger, France, 19-24 June 2016.
- 2016** Arctic Frontiers: Industry and Environment, Tromsø, Norway 24-29 January, 2016.
- 2015** International Workshop: Methodology and principles of Arctic environmental monitoring of hydrocarbons, St. Petersburg, 2-3 of December, 2015.
- 2015** XXI International Conference on Marine Geology, Moscow, Russia, 16 – 20 November 2015
- 2014** OSL Fellowship Workshop 2014, St. Petersburg, Russia, 15 – 16 December 2014.
- 2014** OSL Fellowship Workshop 2014, St. Petersburg, Russia, 27 – 28 January 2014.
- 2014** FORAMS 2014 – the International Symposium on Foraminifera, Concepcion, Chile, 19-24 January 2014.
- 2012** International Exploratory Workshop on Foraminiferal Bio-Monitoring II (FOBIMO II), Fribourg, Switzerland, August 30th-September 2nd, 2012.
- 2012** The Micropalaeontological Society's Foraminifera and Nannofossil Groups Joint Meeting, June 21-22, 2012, Edinburgh, Great Britain.
- 2012** International Conference "Salinity in biological sciences" (On the 50th anniversary of the concept of critical salinity and the 80th anniversary of Professor V.V. Khlebovich). Zoological Institute RAS, February 27-29, Saint-Petersburg, Russia.
- 2011** International Exploratory Workshop on Foraminiferal Bio-Monitoring (FOBIMO), Fribourg, Switzerland, 22-24 June.
- 2010** FORAMS 2010, International Symposium on Foraminifera, September 5 – 10, University of Bonn, Germany.
- 2009** International Workshop «The utilisation of Benthic Foraminifera as Bio-Indicators of Oil and Gas Activities in the Barents Sea», Murmansk- Meridien Hotel, 24 - 25 February 2009.
- 2007** V European Congress of Protistology and XI European Conference on Ciliate Biology, July 23–27, 2007, St. Petersburg, Russia.
- 2003** IV Scientific session of the Marine Biological Station, St-Petersburg State University, St. Petersburg, Russia.
- 2001** II Scientific session of the Marine Biological Station, St-Petersburg State University, St-Petersburg, Russia.

Participation in research training courses:

- 2017** 1st FRESCO Summer School on Living Foraminifera in Coastal Environments, Angers, France, 2-7 July 2017.
- 2011** International Polychaete Course, White Sea Biological Station, Moscow State University, Russia, 7-20 September.
- 2001** Course "Methods of Molecular Systematics", Laboratory of Cell Biology, Zoological Institute of the Eberhard Karls University, Tübingen, Germany (Diploma).

List of publications:

- 2018** Golikova E., Kniazeva O., Korsun S. Multiyear data on benthic foraminifera in a glaciated fjord of Svalbard. Data in Brief, 17: 363-392. <https://doi.org/10.1016/j.dib.2018.01.046>
- 2016** Alve, E., Korsun, S., Schönfeld, J., Dijkstra, N., Golikova, E., Hess, S., Husum, K., Panieri, G. Foram-AMBI: A sensitivity index based on benthic foraminiferal faunas from North-East Atlantic and Arctic fjords, continental shelves and slopes. *Marine Micropaleontology*, 122: 1-12. [doi:10.1016/j.marmicro.2015.11.001](https://doi.org/10.1016/j.marmicro.2015.11.001)
- 2014** S. Korsun, M. Hald, E. Golikova, A. Yudina, I. Kuznetsov, D. Mikhailov & O. Knyazeva. Intertidal foraminiferal fauna and the distribution of Elphidiidae at Chupa Inlet, western White Sea. *Marine Biology Research*, 10:2, 153-166, [DOI: 10.1080/17451000.2013.814786](https://doi.org/10.1080/17451000.2013.814786)
- 2013** Schönfeld, J., Golikova E., Korsun S., Spezzaferri, S. The Helgoland Experiment – assessing the influence of methodologies on recent benthic foraminiferal assemblage composition. *Journal of Micropalaeontology*, 32: 161–182. [doi: 10.1144/jmpaleo2012-022](https://doi.org/10.1144/jmpaleo2012-022)
- 2013** S. Korsun, E. Golikova, A. Yudina, I. Kuznetsov, D. Mikhailov, O. Knyazeva. Freshwater discharge and the distribution of intertidal foraminifera, outer Chupa Inlet, western White Sea. *Proceedings of the Zoological Institute RAS*. Suppl. 3, pp. 235-243.
- 2012** Schönfeld, J., Alve, E., Geslin, E., Jorissen, F., Korsun, S., Spezzaferri, S., members of the FOBIMO Group, incl. E. Golikova. The FOBIMO (FOraminiferal Blo-MONitoring) initiative - Towards a standardized protocol for soft-bottom benthic foraminiferal monitoring studies. *Marine Micropaleontology*, 94–95: 1-13. <http://dx.doi.org/10.1016/j.marmicro.2012.06.001>
- 2003** Golikova E.A., Fateev A.E. Investigations of the temperature resistance of fabriciini polychaetes *Fabricia sabella* Müller and *Fabriciella baltica* Friedrich (Sabellidae, Fabriciinae) from Keret's archipelago region of the White Sea. *Vestnik Sankt-Peterburgskogo Universiteta*, Seria 3, 4 (27): 12-17 [in Russian].
- 2002** Fateev A.E., Golikova E.A. Resistance of two species of fabriciini polychaetes to low salinity (Sabellidae: Fabriciinae) from the White Sea. *Vestnik Sankt-Peterburgskogo Universiteta*, Seria 3, 1 (3): 28-34 [in Russian].

Published abstracts:

- 2018 E. Golikova.** Salt marsh foraminifera next to the polar circle: a baseline study. *In: "Arctic EcoSens-2018": Russian-Norwegian Bilateral Cooperation Project, 03-05 October 2018, St. Petersburg University, St. Petersburg, Russia.*
- 2018 E. Golikova, M. Varfolomeeva, S. Korsun.** Salt marsh foraminifera from the subarctic White Sea. P. 132. *In: Book of Abstract "The 53rd European Marine Biology Symposium (EMBS53), Ostend, Belgium, 17-21 September 2018".*
- 2018 E. Golikova, M. Varfolomeeva, S. Korsun.** A subarctic salt marsh and its unexpectedly high foraminiferal abundance, White Sea, northern Europe. *In: The International Symposium on Foraminifera – FORAMS 2018, Edinburgh, UK, 17-22 June 2018.*
- 2017 E. Golikova, D. Mikhailov, S. Korsun.** The salt marsh foraminifer *Trochammina inflata* in the White Sea: a local variety or new subspecies? Pp. 73-76. *In: Geology of the seas and oceans: Proceedings of XXII International Conference on Marine Geology. Vol. 1, - Moscow: GEOS. [in Russian].*
- 2017 E. Golikova, D. Mikhailov, S. Korsun.** The salt marsh foraminifer *Trochammina inflata* with a distinct morphotype in the White Sea: a local variety or new subspecies? *In: Ján Soták, Kaminski M.A., Fekete K. & Kowal-Kasprzyk J. (eds.), 2017. 10th International Workshop on Agglutinated Foraminifera. Grzybowski Foundation Special Publication, 23, p.36.*
- 2016 E. Golikova, S. Korsun.** The intertidal foraminifer *Trochammina inflata* with a distinct morphotype in the White Sea, Russian Arctic: a local variety or new species? *Young Systematists' Forum, 25th November 2016, National History Museum, London, UK.*
- 2016 E. Golikova, M. Varfolomeeva, D. Mikhailov, S. Korsun.** Far north: modern salt marsh foraminifera from the subarctic White Sea. P. 44. *The Batsheva de Rothschild Workshop "Live Foraminifera as a new model system for monitoring and reconstructing marine environments", 10-16 September 2016, Eilat, Israel.*
- 2016 E. Golikova, M. Varfolomeeva, S. Korsun.** Salt marsh foraminifera of Tierra del Fuego, southern Chile. *In: TMS Foraminifera and nannofossil groups joint meeting 2016: From life strategies to the geological record, Anger, France, 19-24 June 2016.*
- 2016 Golikova E.A., Varfolomeeva M.A., Mikhailov D.A., Korsun S.A.** Salt-marsh foraminifera from the subarctic White Sea: a baseline study. P. 120. *In: Arctic Frontiers: Industry and Environment, Tromsø, Norway 24-29 January, 2016.*
- 2015 Golikova E.A., Varfolomeeva M.A., Mikhailov D.A., Korsun S.A.** Subpolar intertidal and saltmarsh foraminifera. Pp. 95-98. *In: Geology of the seas and oceans: Proceedings of XXI International Conference on Marine Geology. Vol. 1, - Moscow: GEOS.*
- 2014 S. Korsun, E. Alve, E. Golikova, S. Hess, K. Husum, G. Panieri, and J. Schoenfeld.** "Does AMBI, a commonly used macrofauna-based ecological monitoring measure, work for benthic foraminifera?" Pp. 74-75. *In: Abstracts Volume "International Symposium on Foraminifera FORAMS 2014", 19-24 January, Chile.*
- 2012 Schönfeld J., Golikova E., Korsun S., Spezzaferri S.** The Helgoland Experiment - assessing the influence of methodologies on Recent benthic foraminiferal assemblage composition. *In: The Micropalaeontological Society's Foraminifera and Nannofossil Groups Joint Meeting, 21-22 June, Edinburgh, Great Britain.*
- 2010 E. Golikova, S. Korsun.** Arctic benthic foraminiferal assemblages as a potential indicator of anthropogenic environmental impact. Pp. 96-97 *in Abstracts Volume « FORAMS 2010, International Symposium on Foraminifera», September 5 – 10, 2010, University of Bonn, Germany.*
- 2007 E.A. Golikova, M.A. Varfolomeeva, S.A. Korsun.** Community structure of benthic foraminifera from a glaciated fjord of Spitsbergen. Pp. 33-34 *in Abstracts of V European Congress of Protistology and XI European Conference on Ciliate Biology, July 23-27, 2007, St. Petersburg, Russia.*
- 2003 Golikova E.A., Fateev A.E.** Investigations of temperature resistance of fabriciini polychaetes *Fabricia sabella* Müller and *Fabriciella baltica* Friedrich (Sabellidae, Fabriciinae) from Keret's archipelago region of the White Sea. Pp. 52-53. *In Abstracts of the IV Scientific session of the Marine Biological Station, St. Petersburg State University, St. Petersburg, Russia [in Russian].*