

**Articles published in the journal “Geosystems of Transition Zones”  
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<i>Kamenev P.A., Marinin A.V., Sim L.A., Bogomolov L.M., Lukmanov A.R., Degtyarev V.A.</i> Tectonophysical digital database of Sakhalin Island. <a href="https://doi.org/10.30730/gtr.2025.9.1.037-055">https://doi.org/10.30730/gtr.2025.9.1.037-055</a> ; <a href="https://www.elibrary.ru/ouzqfu">https://www.elibrary.ru/ouzqfu</a> ; <a href="http://journal.imgg.ru/web/full/f2025-1-3.pdf">http://journal.imgg.ru/web/full/f2025-1-3.pdf</a> (In Russian)	2025, 1: 37–55
<i>Korolev Y.P., Korolev P.Yu.</i> Assessment of the tsunami in the Pacific Ocean caused by the explosion of the Hunga Tonga–Hunga Ha’apai volcano on January 15, 2022, using the express method of operational forecasting. <a href="https://doi.org/10.30730/gtr.2025.9.1.056-065">https://doi.org/10.30730/gtr.2025.9.1.056-065</a> ; <a href="https://www.elibrary.ru/kktwz">https://www.elibrary.ru/kktwz</a> ; <a href="http://journal.imgg.ru/web/full/f2025-1-4.pdf">http://journal.imgg.ru/web/full/f2025-1-4.pdf</a>	2025, 1: 56–65
<i>Imashev S.A.</i> Method for detecting anomalies in geomagnetic field variations based on artificial neural network. <a href="https://doi.org/10.30730/gtr.2024.8.4.343-356">https://doi.org/10.30730/gtr.2024.8.4.343-356</a> ; <a href="https://www.elibrary.ru/fhzsky">https://www.elibrary.ru/fhzsky</a> ; <a href="http://journal.imgg.ru/web/full/f2024-4-6.pdf">http://journal.imgg.ru/web/full/f2024-4-6.pdf</a> (In Russian)	2024, 4: 343–356
<i>Trinh Hoai Thu, Shakirov R.B., Nguyen Van Hoang, Tran Thi Thuy Huong, Nguyen The Chuyen, Lee N.S., Maltseva E.V., Venikova A.L.</i> Estimation of groundwater recharge using the cumulative rainfall departure method for Bac Lieu province, Mekong Delta, Vietnam. <a href="https://doi.org/10.30730/gtr.2024.8.4.367-380">https://doi.org/10.30730/gtr.2024.8.4.367-380</a> ; <a href="https://www.elibrary.ru/qmtiyf">https://www.elibrary.ru/qmtiyf</a>	2024, 4: 367–380
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<i>Kovalev D.P., Kovalev P.D., Borisov A.S., Kirillov K.V.</i> Waves in the marine area near Cape Svobodny (southeastern part of Sakhalin Island) <a href="https://doi.org/10.30730/gtr.2024.8.3.201-211">https://doi.org/10.30730/gtr.2024.8.3.201-211</a> ; <a href="https://www.elibrary.ru/lqdfiz">https://www.elibrary.ru/lqdfiz</a> ; <a href="http://journal.imgg.ru/web/full/f2024-3-3.pdf">http://journal.imgg.ru/web/full/f2024-3-3.pdf</a> (In Russian)	2024, 3: 201–211
<i>Zakupin A.S., Stovbun N.S., Gulyakov S.A., Kazakov A.I., Dudchenko I.P.</i> The manifestations of geomagnetic activity (solar flares and magnetic storms) in the change of electrotelluric potentials according to measurements at the Yuzhno-Sakhalinsk geophysical test site <a href="http://journal.imgg.ru/web/full/f-e2024-2-2.pdf">http://journal.imgg.ru/web/full/f-e2024-2-2.pdf</a> ; <a href="https://doi.org/10.30730/gtr.2024.8.2.091-103">https://doi.org/10.30730/gtr.2024.8.2.091-103</a>	2024, 2: 91–103
<i>Mishukova G.I.</i> Methane fluxes at the water–atmosphere boundary in the waters of the Russian sector of the Eastern Arctic <a href="https://doi.org/10.30730/gtr.2024.8.1.005-012">https://doi.org/10.30730/gtr.2024.8.1.005-012</a> ; <a href="https://www.elibrary.ru/wgcapo">https://www.elibrary.ru/wgcapo</a> ; <a href="http://journal.imgg.ru/web/full/f2024-1-1.pdf">http://journal.imgg.ru/web/full/f2024-1-1.pdf</a> (In Russian)	2024, 1: 5–12
<i>Kamenev P.A., Degtyarev V.A., Zherdeva O.A., Kostrov Yu.V.</i> Fault kinematics of Sakhalin Island based on geological and seismological data <a href="http://journal.imgg.ru/web/full/f-e2024-1-3.pdf">http://journal.imgg.ru/web/full/f-e2024-1-3.pdf</a> ; <a href="https://doi.org/10.30730/gtr.2023.8.1.037-046">https://doi.org/10.30730/gtr.2023.8.1.037-046</a>	2024, 1: 37–46
<i>Shakirov R.B., Maltseva E.V., Venikova A.L., Sokolova N.L., Gresov A.I.</i> Complex geological and geophysical studies on substantiation of the outer limits of the Russian continental shelf in the Sea of Okhotsk and East Siberian Sea (2006–2009): Review (In Engl.: <a href="http://journal.imgg.ru/web/full/f-e2023-3-3.pdf">http://journal.imgg.ru/web/full/f-e2023-3-3.pdf</a> ) <a href="https://doi.org/10.30730/gtr.2023.7.3.264-275">https://doi.org/10.30730/gtr.2023.7.3.264-275</a>	2023, 3: 264–275
<i>Shevchenko G.V., Lozhkin D.M.</i> Seasonal and interannual variations in sea surface temperature in the Tatar Strait according to satellite data (In Engl.: <a href="http://journal.imgg.ru/web/full/f-e2023-3-4.pdf">http://journal.imgg.ru/web/full/f-e2023-3-4.pdf</a> ) <a href="https://doi.org/10.30730/gtr.2023.7.3.276-291">https://doi.org/10.30730/gtr.2023.7.3.276-291</a>	2023, 3: 276–291
<i>Voronina T.A., Voronin V.V.</i> Data selection method for restoring a tsunami source form (In Engl.) <a href="https://doi.org/10.30730/gtr.2023.7.3.292-303">https://doi.org/10.30730/gtr.2023.7.3.292-303</a>	2023, 3: 292–303
<i>Bogomolov L.M., Kostylev D.V., Kostyleva N.V., Gulyakov S.A., Dudchenko I.P., Kamenev P.A., Stovbun N.S.</i> Observations of the inverse seismoelectric effect of the second kind during electrical sounding in the Central Sakhalin fault zone. (In Engl.: <a href="http://journal.imgg.ru/web/full/f-e2023-2-1.pdf">http://journal.imgg.ru/web/full/f-e2023-2-1.pdf</a> ) <a href="https://doi.org/10.30730/gtr.2023.7.2.115-131">https://doi.org/10.30730/gtr.2023.7.2.115-131</a>	2023, 2: 115–131
<i>Kaistrenko V.M.</i> The problem of estimating the accuracy of the tsunami activity parameters. (In Engl.: <a href="http://journal.imgg.ru/web/full/f-e2023-2-3.pdf">http://journal.imgg.ru/web/full/f-e2023-2-3.pdf</a> ) <a href="https://doi.org/10.30730/gtr.2023.7.2.149-159">https://doi.org/10.30730/gtr.2023.7.2.149-159</a>	2023, 2: 149–159
<i>Bogomolov L.M., Sychev V.N., Sycheva N.A.</i> On stress drops in the sources of moderate and weak earthquakes: features of distribution in time. (In Russ. & Engl.) <a href="https://doi.org/10.30730/gtr.2023.7.1.025-036.037-053">https://doi.org/10.30730/gtr.2023.7.1.025-036.037-053</a>	2023, 1: 37–53
<i>Zakupin A.S., Kostyleva N.V., Kostylev D.V.</i> From retrospective to real-time system – LURR earthquake prediction on Sakhalin (2019–2022). (In Russ. & Engl.) <a href="https://doi.org/10.30730/gtr.2023.7.1.054-064.064-074">https://doi.org/10.30730/gtr.2023.7.1.054-064.064-074</a>	2023, 1: 64–74
<i>Vasilenko N.F., Prytkov A.S., Frolov D.I.</i> Geodynamic GNSS observations on the Kuril Islands (In Russ. & Engl.). (In Russ. & Engl.) <a href="https://doi.org/10.30730/gtr.2022.6.4.287-294.295-302">https://doi.org/10.30730/gtr.2022.6.4.287-294.295-302</a>	2022, 4: 295–302
<i>Bulgakov R.F.</i> Modeling of the stress-strain condition of the Earth’s crust of Sakhalin Island: impact of hydroisostasy. (In Russ. & Engl.) <a href="https://doi.org/10.30730/gtr.2022.6.4.303-315.316-327">https://doi.org/10.30730/gtr.2022.6.4.303-315.316-327</a>	2022, 4: 316–327
<i>Razjigaeva N.G., Ganzey L.A., Arslanov Kh.A., Pshenichnikova N.F.</i> Coastal dunes of Urup Island (Kuril Islands, North-Western Pacific): palaeoclimatic and environmental archive. (In Engl.) <a href="https://doi.org/10.30730/gtr.2022.6.2.100-113">https://doi.org/10.30730/gtr.2022.6.2.100-113</a>	2022, 2: 100–113

<i>Degterev A.V., Chibisova M.V.</i> The activity of Chikurachki volcano (Paramushir Isl., Northern Kuriles) in January–February of 2022. (In Russ. & Engl.) <a href="https://doi.org/10.30730/gtrz.2022.6.1.013-018.018-023">https://doi.org/10.30730/gtrz.2022.6.1.013-018.018-023</a>	2022, 1: 18–23
<i>Ponomareva A.L., Polonik N.S., Obzhirov A.I., Shakirov R.B., Grigorov R.A., Schmale O., Mau S.</i> Interrelation of methane distribution with psychro-, meso- and thermophilic hydrocarbon-oxidizing microorganisms in the bottom sediments of the Kara Sea. (In Russ. & Engl.) <a href="https://doi.org/10.30730/gtrz.2021.5.4.389-393.394-398">https://doi.org/10.30730/gtrz.2021.5.4.389-393.394-398</a>	2021, 4: 394–398
<i>Rebetsky Yu.L.</i> Concerning the theory of LURR based deterministic earthquake prediction (In Russ. & Engl.) <a href="https://doi.org/10.30730/gtrz.2021.5.3.192-208.208-222">https://doi.org/10.30730/gtrz.2021.5.3.192-208.208-222</a>	2021, 3: 208–222
<i>Mishukova G.I., Yatsuk A.V., Shakirov R.B.</i> Distribution of methane fluxes on the water–atmosphere interface in different regions of the World Ocean. (In Russ. & Engl.) <a href="https://doi.org/10.30730/gtrz.2021.5.3.240-247.247-254">https://doi.org/10.30730/gtrz.2021.5.3.240-247.247-254</a>	2021, 3: 247–254
<i>Prytkov A.S., Vasilenko N.F.</i> The March 25, 2020 Mw 7.5 Paramushir earthquake (In Russ. & Engl.) <a href="https://doi.org/10.30730/gtrz.2021.5.2.113-120.121-127">https://doi.org/10.30730/gtrz.2021.5.2.113-120.121-127</a>	2021, 2: 121–127
<i>Rodkin M.V.</i> On the foreshock cascade and extraordinary predictions, in relevance to the article by A.I. Malysheva and L.K. Malysheva “Precedent-extrapolation estimate of the seismic hazard in the Sakhalin and the Southern Kurils region”. (In Russ. & Engl.) <a href="https://doi.org/10.30730/gtrz.2021.5.2.128-132.133-137">https://doi.org/10.30730/gtrz.2021.5.2.128-132.133-137</a>	2021, 2: 133–137
<i>Bogomolov L.M., Sychev V.N.</i> Fundamental for self-developing processes model and problems of its application to earthquakes prediction in the Far East region. (In Russ. & Engl.) <a href="https://doi.org/10.30730/gtrz.2021.5.2.138-145.145-152">https://doi.org/10.30730/gtrz.2021.5.2.138-145.145-152</a>	2021, 2: 145–152
<i>Rebetsky Yu.L.</i> On some aspects of the article «On the stress drop in North Eurasia earthquakes source-sites versus specific seismic energy». (In Russ. & Engl.) <a href="https://doi.org/10.30730/gtrz.2021.5.1.055-059">https://doi.org/10.30730/gtrz.2021.5.1.055-059</a>	2021, 1: 57–59
<i>Sycheva N.A., Bogomolov L.M.</i> On the stress drop in North Eurasia earthquakes source-sites versus specific seismic energy. (In Russ. & Engl.) <a href="https://doi.org/10.30730/gtrz.2020.4.4.393-416.417-446">https://doi.org/10.30730/gtrz.2020.4.4.393-416.417-446</a>	2020, 4: 417–446
<i>Korolev Yu.P., Korolev P.Yu.</i> Short-term forecast of local tsunamis based on data containing seismic noise from deep-ocean stations closest to the sources. (In Russ. & Engl.) <a href="https://doi.org/10.30730/gtrz.2020.4.4.447-460.461-473">https://doi.org/10.30730/gtrz.2020.4.4.447-460.461-473</a>	2020, 4: 461–473
<i>Sycheva N.A.</i> Seismic moment tensor and dynamic parameters of earthquakes in the Central Tien Shan. (In Russ. & Engl.) <a href="https://doi.org/10.30730/gtrz.2020.4.2.178-191.192-209">https://doi.org/10.30730/gtrz.2020.4.2.178-191.192-209</a>	2020, 2: 192–209
<i>Shakirov R.B., Mau S., Mishukova G.I., Obzhirov A.I., Shakirova M.V., Mishukova O.V.</i> The features of methane fluxes in the western and eastern Arctic: A review. Part I. (In Engl.) <a href="https://doi.org/10.30730/2541-8912.2020.4.1.004-025">https://doi.org/10.30730/2541-8912.2020.4.1.004-025</a>	2020, 1: 4–25
<i>Truong Thanh Phi, Shakirov R.B., Syrbu N.S.</i> Characteristics of tectonic activity phases along The Cao Bang-Tien Yen fault zone, Tien Yen-Lang Son section, Northeastern part, Vietnam. (In Engl.) <a href="https://doi.org/10.30730/2541-8912.2019.3.4.345-363">doi.org/10.30730/2541-8912.2019.3.4.345-363</a>	2019, 4: 345–363
<i>Kaistrenko V.M., Razjigaeva N.G., Ganzey L.A., Gorbunov A.O., Nishimura Yu.</i> The manifestation of tsunami of August 1, 1940 in the Kamenka settlement, Primorye (new data concerning the old tsunami). (In Engl.) <a href="https://doi.org/10.30730/2541-8912.2019.3.4.417-422">doi.org/10.30730/2541-8912.2019.3.4.417-422</a>	2019, 4: 417–422