**Articles published in the journal “Geosystems of Transition Zones”
in English (including translations) (2019–2024)**

|  |  |
| --- | --- |
| Author(s). Title | **Year, Issue: Pages** |
| *Imashev S.A.* Method for detecting anomalies in geomagnetic field variations based on artificial neural network. <https://doi.org/10.30730/gtrz.2024.8.4.343-356>; <https://www.elibrary.ru/fhzskv> ; <http://journal.imgg.ru/web/full/f2024-4-6.pdf> (In Russian) | 2024, 4: 343–356 |
| *Trinh Hoai Thu, Shakirov R.B., Nguyen Van Hoang, Tran Thi Thuy Huong, Nguyen The Chuyen, Lee N.S., Maltceva E.V., Venikova A.L.* Estimation of groundwater recharge using the cumulative rainfall departure method for Bac Lieu province, Mekong Delta, Vietnam. <https://doi.org/10.30730/gtrz.2024.8.4.367-380>; <https://www.elibrary.ru/qmtjyf>  | 2024, 4: 367–380 |
| *Zakupin A.S., Kazakov A.I., Stovbun N.S., Gulyakov S.A., Andreeva M.Yu., Zherdeva O.A.* On the possible relationship between magnetic storms and earthquakes in certain tectonic conditions (using the example of Sakhalin) <https://doi.org/10.30730/gtrz.2024.8.3.161-173> <https://www.elibrary.ru/nbfges>; <http://journal.imgg.ru/web/full/f2024-3-1.pdf> (In Russian) | 2024, 3: 161–173 |
| *Kovalev D.P., Kovalev P.D., Borisov A.S., Kirillov K.V.* Waves in the marine area near Cape Svobodny (south-eastern part of Sakhalin Island) <https://doi.org/10.30730/gtrz.2024.8.3.201-211>; <https://www.elibrary.ru/lgdflz>; <http://journal.imgg.ru/web/full/f2024-3-3.pdf> (In Russian) | 2024, 3: 201–211 |
| *Zakupin A.S., Stovbun N.S., Gulyakov S.A., Kazakov A.I., Dudchenko I.P.* The manifestations of geomagnetic activity (solar flares andmagnetic storms) in the change of electrotelluric potentials according to measurements at the Yuzhno-Sakhalinsk geophysical test site <http://journal.imgg.ru/web/full/f-e2024-2-2.pdf>; <https://doi.org/10.30730/gtrz.2024.8.2.091-103> | 2024, 2: 91–103 |
| *Mishukova G.I.* Methane fluxes at the water–atmosphere boundary in the waters of the Russian sector of the Eastern Arctic <https://doi.org/10.30730/gtrz.2024.8.1.005-012>; <https://www.elibrary.ru/wgcapo>; <http://journal.imgg.ru/web/full/f2024-1-1.pdf> (In Russian) | 2024, 1: 5–12 |
| *Kamenev P.A., Degtyarev V.A., Zherdeva O.A., Kostrov Yu.V.* Fault kinematics of Sakhalin Island based on geological and seismological data <http://journal.imgg.ru/web/full/f-e2024-1-3.pdf>; <https://doi.org/10.30730/gtrz.2023.8.1.037-046>  | 2024, 1: 37–46 |
| *Shakirov R.B., Maltseva E.V., Venikova A.L., Sokolova N.L., Gresov A.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.: <http://journal.imgg.ru/web/full/f-e2023-3-3.pdf>) <https://doi.org/10.30730/gtrz.2023.7.3.264-275> | 2023, 3: 264–275 |
| *Shevchenko G.V., Lozhkin D.M.* Seasonal and interannual variations in sea surface temperature in the Tatar Strait according to satellite data (In Engl.: <http://journal.imgg.ru/web/full/f-e2023-3-4.pdf>) <https://doi.org/10.30730/gtrz.2023.7.3.276-291> | 2023, 3: 276–291 |
| *Voronina T.A., Voronin V.V.* Data selection method for restoring a tsunami source form (In Engl.) <https://doi.org/10.30730/gtrz.2023.7.3.292-303>  | 2023, 3: 292–303 |
| *Bogomolov L.M., Kostylev D.V., Kostyleva N.V., Gulyakov S.A., Dudchenko I.P., Kamenev P.A., Stovbun N.S.* Observations of the inverse seismoelectric effect of the second kind during electrical sounding in the Central Sakhalin fault zone. (In Engl.:<http://journal.imgg.ru/web/full/f-e2023-2-1.pdf>) <https://doi.org/10.30730/gtrz.2023.7.2.115-131> | 2023, 2: 115–131 |
| *Kaistrenko V.M.* The problem of estimating the accuracy of the tsunami activity parameters. (In Engl.:<http://journal.imgg.ru/web/full/f-e2023-2-3.pdf>) <https://doi.org/10.30730/gtrz.2023.7.2.149-159>  | 2023, 2: 149–159 |
| *Bogomolov**L.M., Sychev**V.N., Sycheva**N.A.* On stress drops in the sources of moderate and weak earthquakes: features of distribution in time. (In Russ. & Engl.) <https://doi.org/10.30730/gtrz.2023.7.1.025-036.037-053> | 2023, 1: 37–53 |
| *Zakupin A.S., Kostyleva**N.V., Kostylev**D.V.* From retrospective to real-time system – LURR earthquake prediction on Sakhalin (2019–2022).(In Russ. & Engl.) <https://doi.org/10.30730/gtrz.2023.7.1.054-064.064-074> | 2023, 1: 64–74 |
| *Vasilenko N.F., Prytkov A.S., Frolov D.I.* Geodynamic GNSS observations on the Kuril Islands (In Russ. & Engl.). (In Russ. & Engl.) <https://doi.org/10.30730/gtrz.2022.6.4.287-294.295-302> | 2022, 4: 295–302 |
| *Bulgakov R.F.* Modeling of the stress-strain condition of the Earth's crust of Sakhalin Island: impact of hydroisostasy. (In Russ. & Engl.) <https://doi.org/10.30730/gtrz.2022.6.4.303-315.316-327> | 2022, 4: 316–327 |
| *Razjigaeva N.G., Ganzey L.A., Arslanov Kh.A., Pshenichnikova N.F.*Coastal dunes of Urup Island (Kuril Islands, North-Western Pacific): palaeoclimatic and environmental archive. (In Engl.) <https://doi.org/10.30730/gtrz.2022.6.2.100-113>  | 2022, 2: 100–113 |
| *Degterev A.V., Chibisova M.V.* The activity of Chikurachki volcano (Paramushir Isl., Northern Kuriles) in January–February of 2022. (In Russ. & Engl.) <https://doi.org/10.30730/gtrz.2022.6.1.013-018.018-023> | 2022, 1: 18–23 |
| *Ponomareva A.L., Polonik N.S., Obzhirov A.I., Shakirov R.B., Grigorov R.A., Schmale O., Mau S.* Interrelation of methane distribution with psychro-, meso- and thermophilic hydrocarbon-oxidizing microorganisms in the bottom sediments of the Kara Sea. (In Russ. & Engl.) <https://doi.org/10.30730/gtrz.2021.5.4.389-393.394-398> | 2021, 4: 394–398 |
| *Rebetsky Yu.L.* Concerning the theory of LURR based deterministic earthquake prediction (In Russ. & Engl.). <https://doi.org/10.30730/gtrz.2021.5.3.192-208.208-222> | 2021, 3: 208–222 |
| *Mishukova G.I., Yatsuk A.V., Shakirov R.B.* Distribution of methane fluxes on the water–atmosphere interface in different regions of the World Ocean. (In Russ. & Engl.) <https://doi.org/10.30730/gtrz.2021.5.3.240-247.247-254> | 2021, 3: 247–254 |
| *Prytkov A.S., Vasilenko N.F.* The March 25, 2020 MW 7.5 Paramushir earthquake (In Russ. & Engl.).<https:// doi. org/10.30730/gtrz.2021.5.2.113-120.121-127> | 2021, 2: 121–127 |
| *Rodkin M.V.* 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.)<https://doi.org/10.30730/gtrz.2021.5.2.128-132.133-137> | 2021, 2: 133–137 |
| *Bogomolov L.M., Sychev V.N.* Fundamental for self-developing processes model and problems of its application to earthquakes prediction in the Far East region. (In Russ. & Engl.)<https://doi.org/10.30730/gtrz.2021.5.2.138-145.145-152> | 2021, 2: 145–152 |
| *Rebetsky Yu.L.* On some aspects of the article «On the stress drop in North Eurasia earthquakes source-sites versus specific seismic energy». (In Russ. & Engl.) <https://doi.org/10.30730/gtrz.2021.5.1.055-059> | 2021, 1: 57–59 |
| *Sycheva N.A., Bogomolov L.M.* On the stress drop in North Eurasia earthquakes source-sites versus specific seismic energy. (In Russ. & Engl.) <https://doi.org/10.30730/gtrz.2020.4.4.393-416.417-446> | 2020, 4: 417–446 |
| *Korolev Yu.P., Korolev P.Yu.* Short-term forecast of local tsunamis based on data containing seismic noise from deep-ocean stations closest to the sources. (In Russ. & Engl.) <https://doi.org/10.30730/gtrz.2020.4.4.447-460.461-473>  | 2020, 4: 461–473 |
| *Sycheva N.A.* Seismic moment tensor and dynamic parameters of earthquakes in the Central Tien Shan. (In Russ. & Engl.) <https://doi.org/10.30730/gtrz.2020.4.2.178-191.192-209>  | 2020, 2: 192–209 |
| *Shakirov R.B., Mau S., Mishukova G.I., Obzhirov A.I., Shakirova M.V., Mishukova O.V.* The features of methane fluxes in the western and eastern Artcic: A review. Part I. (In Engl.) <https://doi.org/10.30730/2541-8912.2020.4.1.004-025> | 2020, 1: 4–25 |
| *Truong Thanh Phi, Shakirov R.B., Syrbu N.S.* Characteristics of tectonic activity phases along The Cao Bang-Tien Yen fault zone, Tien Yen-Lang Son section, Northeastern part, Vietnam. (In Engl.) [doi.org/10.30730/2541-8912.2019.3.4.345-363](http://doi.org/10.30730/2541-8912.2019.3.4.345-363) | 2019, 4: 345–363 |
| *Kaistrenko V.M., Razjigaeva N.G., Ganzey L.A., Gorbunov A.O., Nishimura Yu.* The manifestation of tsunami of August 1, 1940 in the Kamenka settlement, Primorye (new data concerning the old tsunami). (In Engl.) [doi.org/10.30730/2541-8912.2019.3.4.417-422](http://doi.org/10.30730/2541-8912.2019.3.4.417-422) | 2019, 4: 417–422 |