

**Topical index of articles  
published in the journal “Geosystems of Transition Zones” (2017–2024)**

Author(s). Title	Year, Issue: Pages
<b>Geophysics, Seismology, prediction methods</b>	
Rebetsky Yu.L., Sycheva N.A. The stressed state of the Earth's crust in the Altai-Sayan mountain region: reconstruction based on the modified algorithms of the cataclastic method. <a href="https://doi.org/10.30730/gtrz.2024.8.4.261-276">https://doi.org/10.30730/gtrz.2024.8.4.261-276</a> ; <a href="https://www.elibrary.ru/poihsb">https://www.elibrary.ru/poihsb</a>	2024, 4: 261–276
Marinin A.V., Sim L.A. Tectonic stress of the southeastern part of the Gorny Altai. <a href="https://doi.org/10.30730/gtrz.2024.8.4.277-297">https://doi.org/10.30730/gtrz.2024.8.4.277-297</a> ; <a href="https://www.elibrary.ru/qiryvh">https://www.elibrary.ru/qiryvh</a>	2024, 4: 277–297
Kuzikov S.I., Prokhorov O.A. Movements and deformations within the tectonic structure of the Bishkek network of long-term space geodetic observations. <a href="https://doi.org/10.30730/gtrz.2024.8.4.298-312">https://doi.org/10.30730/gtrz.2024.8.4.298-312</a> ; <a href="https://www.elibrary.ru/gutfvv">https://www.elibrary.ru/gutfvv</a>	2024, 4: 298–312
Makarov E.O., Akbashev R.R., Glukhov V.E. Variations in the concentration of subsoil gases and the atmospheric electric field prior to some earthquakes in Kamchatka. <a href="https://doi.org/10.30730/gtrz.2024.8.4.328-342">https://doi.org/10.30730/gtrz.2024.8.4.328-342</a> ; <a href="https://www.elibrary.ru/homkeo">https://www.elibrary.ru/homkeo</a>	2024, 4: 328–342
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) <a href="https://doi.org/10.30730/gtrz.2024.8.3.161-173">https://doi.org/10.30730/gtrz.2024.8.3.161-173</a> ; <a href="https://www.elibrary.ru/nbfges">https://www.elibrary.ru/nbfges</a> ; <a href="http://journal.imgur.ru/web/full/f2024-3-1.pdf">http://journal.imgur.ru/web/full/f2024-3-1.pdf</a> (In Russian)	2024, 3: 161–173
Sycheva N.A. Seismotectonic deformations and stress drop of earthquakes of Central Tien Shan <a href="https://doi.org/10.30730/gtrz.2024.8.3.174-200">https://doi.org/10.30730/gtrz.2024.8.3.174-200</a> ; <a href="https://www.elibrary.ru/lmyvyk">https://www.elibrary.ru/lmyvyk</a>	2024, 3: 174–200
Safonov D.A., Semenova E.P. Seismicity of the south of the Russian Far East in 2023 <a href="https://doi.org/10.30730/gtrz.2024.8.2.077-090">https://doi.org/10.30730/gtrz.2024.8.2.077-090</a> ; <a href="https://www.elibrary.ru/vlppqc">https://www.elibrary.ru/vlppqc</a>	2024, 2: 77–90
Zakupin A.S., Stovbun N.S., Gulyakov S.A., Kazakov A.I., Dudchenko I.P. 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.imgur.ru/web/full/f-e2024-2-2.pdf">http://journal.imgur.ru/web/full/f-e2024-2-2.pdf</a> ; <a href="https://doi.org/10.30730/gtrz.2024.8.2.091-103">https://doi.org/10.30730/gtrz.2024.8.2.091-103</a>	2024, 2: 91–103
Sycheva N.A. Study of seismotectonic deformations of the Earth's crust in the Altai-Sayan Mountain region. Part II <a href="https://doi.org/10.30730/gtrz.2023.7.4.335-356">https://doi.org/10.30730/gtrz.2023.7.4.335-356</a>	2023, 4: 335–356
Sycheva N.A. Study of seismotectonic deformations of the Earth's crust in the Altai-Sayan mountain region. Part I <a href="https://doi.org/10.30730/gtrz.2023.7.3.223-242">https://doi.org/10.30730/gtrz.2023.7.3.223-242</a>	2023, 3: 223–242
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 <a href="https://doi.org/10.30730/gtrz.2023.7.2.115-131">https://doi.org/10.30730/gtrz.2023.7.2.115-131</a>	2023, 2: 115–131
Safonov D.A., Semenova E.P. Seismicity of the South Far East of Russia in 2022 <a href="https://doi.org/10.30730/gtrz.2023.7.2.132-148">https://doi.org/10.30730/gtrz.2023.7.2.132-148</a>	2023, 2: 132–148
Ustyugov G.V., Ershov V.V. Influence of cosmic factors on mud volcanic activity of the Earth <a href="https://doi.org/10.30730/gtrz.2023.7.1.005-024">https://doi.org/10.30730/gtrz.2023.7.1.005-024</a>	2023, 1: 5–24
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 <a href="https://doi.org/10.30730/gtrz.2023.7.1.025-036.037-053">https://doi.org/10.30730/gtrz.2023.7.1.025-036.037-053</a>	2023, 1: 25–53
Zakupin A.S., Kostyleva N.V., Kostylev D. V. From retrospective to real-time system – LURR earthquake prediction on Sakhalin (2019–2022) <a href="https://doi.org/10.30730/gtrz.2023.7.1.054-064.064-074">https://doi.org/10.30730/gtrz.2023.7.1.054-064.064-074</a>	2023, 1: 54–74
Vasilenko N.F., Prytkov A.S., Frolov D.I. Geodynamic GNSS observations on the Kuril Islands (In Russ. & Engl.) <a href="https://doi.org/10.30730/gtrz.2022.6.4.287-294.295-302">https://doi.org/10.30730/gtrz.2022.6.4.287-294.295-302</a>	2022, 4: 287–302
Bogomolov L.M., Sycheva N.A. Earthquake predictions in XXI century: prehistory and concepts, precursors and problems. <a href="https://doi.org/10.30730/gtrz.2022.6.3.145-164.164-182">https://doi.org/10.30730/gtrz.2022.6.3.145-164.164-182</a>	2022, 3: 145–182
Safonov D.A., Semenova E.P. Seismicity of the South Far East of Russia in 2021. <a href="https://doi.org/10.30730/gtrz.2022.6.2.085-099">https://doi.org/10.30730/gtrz.2022.6.2.085-099</a>	2022, 2: 85–99
Safonov D.A., Fokina T.A. Seismicity of the South Far East of Russia in 2020 <a href="https://doi.org/10.30730/gtrz.2021.5.4.308-319">https://doi.org/10.30730/gtrz.2021.5.4.308-319</a>	2021, 4: 308–319
Leksin V.K. Paleo-incisions and gas zones of Pliocene-Quaternary sediments at the site of engineering and geological surveys on the shelf of Sakhalin Island <a href="https://doi.org/10.30730/gtrz.2021.5.4.320-327">https://doi.org/10.30730/gtrz.2021.5.4.320-327</a>	2021, 4: 320–327
Rebetsky Yu.L. Concerning the theory of LURR based deterministic earthquake prediction <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: 192–222
Valitov M.G., Proshkina Z.N. Change in the amplitude indicators in tidal variations of gravity during the preparation of nearby earthquakes <a href="https://doi.org/10.30730/gtrz.2021.5.3.223-228">https://doi.org/10.30730/gtrz.2021.5.3.223-228</a>	2021, 3: 223–228
Malyshev A.I., Malysheva L.K. Precedent-extrapolation estimate of the seismic hazard in the Sakhalin and the Southern Kurils region <a href="https://doi.org/10.30730/gtrz.2021.5.2.084-098.099-112">https://doi.org/10.30730/gtrz.2021.5.2.084-098.099-112</a>	2021, 2: 84–112
Prytkov A.S., Vasilenko N.F. The March 25, 2020 Mw 7.5 Paramushir earthquake <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: 113–127
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” <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: 128–137

<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 <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: 138–152
<i>Zakupin A.S., Boginskaya N.V.</i> Mid-term earthquake prediction using the LURR method on Sakhalin Island: A summary of retrospective studies for 1997–2019 and new approaches <a href="https://doi.org/10.30730/gtrz.2021.5.1.027-045">https://doi.org/10.30730/gtrz.2021.5.1.027-045</a>	2021, 1: 27–45
<i>Dudchenko I.P., Kostylev D.V., Gulyakov S.A., Stovbun N.S.</i> A geophysical pulse voltage generator for seismic and electric exploration of the subsurface <a href="https://doi.org/10.30730/gtrz.2021.5.1.046-054">https://doi.org/10.30730/gtrz.2021.5.1.046-054</a>	2021, 1: 46–54
<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». <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: 55–59
<i>Leksin V.K.</i> Application of high resolution seismic to search for local gas anomalies in the South Kirinskoye oil and gas condensate field <a href="https://doi.org/10.30730/gtrz.2020.4.4.384-392">https://doi.org/10.30730/gtrz.2020.4.4.384-392</a>	2020, 4: 384–392
<i>Sycheva N.A., Bogomolov L.M.</i> On the stress drop in North Eurasia earthquakes source-sites versus specific seismic energy <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: 393–446
<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 <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: 447–473
<i>Semenova E.P., Boginskaya N.V., Kostylev D.V.</i> Uglegorsk earthquake on September 13, 2020 (Sakhalin Island): preconditions for the occurrence and the results of observations in the epicentral zone <a href="https://doi.org/10.30730/gtrz.2020.4.4.474-485">https://doi.org/10.30730/gtrz.2020.4.4.474-485</a>	2020, 4: 474–485
<i>Kostylev D.V., Boginskaya N.V.</i> Seismoacoustic observations using molecular-electronic hydrophones on Sakhalin and the South Kuril Islands (Kunashir Island) <a href="https://doi.org/10.30730/gtrz.2020.4.4.486-499">https://doi.org/10.30730/gtrz.2020.4.4.486-499</a>	2020, 4: 486–499
<i>Firstov P.P., Makarov E.O.</i> Long-term trends of subsoil radon in Kamchatka as indicators for the preparation of earthquakes with $M > 7.5$ at the Northwestern framing of the Pacific Ocean <a href="https://doi.org/10.30730/gtrz.2020.4.3.270-278.279-287">https://doi.org/10.30730/gtrz.2020.4.3.270-278.279-287</a>	2020, 3: 279–287
<i>Budanov L.M., Senchina N.P., Shnyukova O.M., Gorelik G.D.</i> Study of paleochannels by means of gravimetric observations <a href="https://doi.org/10.30730/gtrz.2020.4.3.288-296">https://doi.org/10.30730/gtrz.2020.4.3.288-296</a>	2020, 3: 288–296
<i>Kirilov A.A., Sychev V.N.</i> Changes in the total electron content of the ionosphere during a geomagnetic storm August 31 – September 3, 2019 according to GPS data <a href="https://doi.org/10.30730/gtrz.2020.4.3.297-304">https://doi.org/10.30730/gtrz.2020.4.3.297-304</a>	2020, 3: 297–304
<i>Safonov D.A., Kostylev D.D., Fokina T.A., Kovalenko N.S.</i> Seismicity of the South Far East of Russia in 2019 <a href="https://doi.org/10.30730/gtrz.2020.4.2.146-159">https://doi.org/10.30730/gtrz.2020.4.2.146-159</a>	2020, 2: 146–159
<i>Zakupin A.S., Boginskaya N.V.</i> Mid-term assessments of the seismic hazard on Sakhalin Island by the LURR method: new results <a href="https://doi.org/10.30730/gtrz.2020.4.2.160-168.169-177">https://doi.org/10.30730/gtrz.2020.4.2.160-168.169-177</a>	2020, 2: 160–177
<i>Sycheva N.A.</i> Seismic moment tensor and dynamic parameters of earthquakes in the Central Tien Shan <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: 178–209
<i>Safonov D.A., Fokina T.A., Kovalenko N.S.</i> Seismicity of the South Far East of Russia in 2018 <a href="https://doi.org/10.30730/2541-8912.2019.3.4.364-376">https://doi.org/10.30730/2541-8912.2019.3.4.364-376</a>	2019, 4: 364–376
<i>Zakupin A.S., Boginskaya N.V., Andreeva M.Yu.</i> Methodological aspects of the study of seismic sequences by SDP (self-developing processes) on the example of the Nevel'sk earthquake on Sakhalin <a href="https://doi.org/10.30730/2541-8912.2019.3.4.377-389">https://doi.org/10.30730/2541-8912.2019.3.4.377-389</a>	2019, 4: 377–389
<i>Kamenev P.A., Kostylev D.V., Boginskaya N.V., Zakupin A.S.</i> Geophysical surveys in the southern part of the Central Sakhalin Fault based on new integrated network <a href="https://doi.org/10.30730/2541-8912.2019.3.4.390-402">https://doi.org/10.30730/2541-8912.2019.3.4.390-402</a>	2019, 4: 390–402
Request for discussion или Invitation to the discussion. <i>Bogomolov L.M.</i> <a href="https://doi.org/10.30730/2541-8912.2019.3.1.003-004">doi.org/10.30730/2541-8912.2019.3.1.003-004</a>	2019, 1: 3–4
<i>Parovyshny V.A., Sohatyuk Yu.V., Parovyshny D.V., Veselov O.V., Kochergin E.V.</i> Approach to solve specific problems of operative predictions of seismic events <a href="https://doi.org/10.30730/2541-8912.2019.3.1.005-018">https://doi.org/10.30730/2541-8912.2019.3.1.005-018</a>	2019, 1: 5–18
<i>Sverdlik L.G., Imashev S.A.</i> On preseismic anomalies of atmosphere temperature <a href="https://doi.org/10.30730/2541-8912.2019.3.1.019-026">https://doi.org/10.30730/2541-8912.2019.3.1.019-026</a>	2019, 1: 19–26
<i>Zakupin A.S., Boginskaya N.V.</i> Modern seismicity in the zone of the Central Sakhalin fault (south of Sakhalin Island): false alarm or postponed prediction? <a href="https://doi.org/10.30730/2541-8912.2019.3.1.027-034">https://doi.org/10.30730/2541-8912.2019.3.1.027-034</a>	2019, 1: 27–34
<i>Sychev V.N., Sycheva N.A., Imashev S.A.</i> Study of aftershock sequence of Suusamyr earthquake <a href="https://doi.org/10.30730/2541-8912.2019.3.1.035-043">https://doi.org/10.30730/2541-8912.2019.3.1.035-043</a>	2019, 1: 35–43
<i>Zhigulev V.V., Savitsky A.V., Zhigulev A.V.</i> Study of Bering Sea gas hydrates with application of AVO-analysis <a href="https://doi.org/10.30730/2541-8912.2019.3.1.044-053">https://doi.org/10.30730/2541-8912.2019.3.1.044-053</a>	2019, 1: 44–53
<i>Kostina A.A., Zhelnin M.S., Plekhov O.A., Panteleev I.A.</i> Investigation on effectiveness of analytical models to describe steam chamber growth during steam-assisted gravity drainage <a href="https://doi.org/10.30730/2541-8912.2019.3.1.054-064">https://doi.org/10.30730/2541-8912.2019.3.1.054-064</a>	2019, 1: 54–64
<i>Polets A.Yu.</i> The stress-strained state of zones of deep-focus earthquakes of the Japan Sea region <a href="https://doi.org/10.30730/2541-8912.2018.2.4.302-311">https://doi.org/10.30730/2541-8912.2018.2.4.302-311</a>	2018, 4: 302–311
<i>Veselov O.V., Semakin V.P., Kochergin A.V.</i> Heat flow and neotectonics of the Deryugin Basin' (Okhotsk Sea) <a href="https://doi.org/10.30730/2541-8912.2018.2.4.312-322">https://doi.org/10.30730/2541-8912.2018.2.4.312-322</a>	2018, 4: 312–322
<i>Pavlova V.Yu., Zharkov R.V.</i> GPR surveys of the discharge zone of the Daginsky hydrothermal system (Sakhalin Island) <a href="https://doi.org/10.30730/2541-8912.2018.2.4.323-331">https://doi.org/10.30730/2541-8912.2018.2.4.323-331</a>	2018, 4: 323–331
<i>Malyshev A.I., Malysheva L.K.</i> Predictability of seismic energy rate in northwest frame of Pacific Ocean on the base of USGS catalogue <a href="https://doi.org/10.30730/2541-8912.2018.2.3.141-153">https://doi.org/10.30730/2541-8912.2018.2.3.141-153</a>	2018, 3: 141–153
<i>Prytkov A.S., Safonov D.A., Zakupin A.S.</i> Onor earthquake of August 14, 2016, $Mw = 5.8$ (Sakhalin Island) <a href="https://doi.org/10.30730/2541-8912.2018.2.3.154-164">https://doi.org/10.30730/2541-8912.2018.2.3.154-164</a>	2018, 3: 154–164
<i>Muhamadeeva V.A., Sycheva N.A.</i> Aftershock processes supporting moderate and weak earthquakes in the area of the Bishkek Geodynamic Test Site and in its vicinity <a href="https://doi.org/10.30730/2541-8912.2018.2.3.165-180">https://doi.org/10.30730/2541-8912.2018.2.3.165-180</a>	2018, 3: 165–180

<i>Zhigulev V.V., Uporov K.Yu., Zhigulev A.V.</i> Evaluation of petroleum potential of sedimentary cover, Terpeniya Bay based on kinematic and dynamic characteristics of seismic waves <a href="https://doi.org/10.30730/2541-8912.2018.2.3.181-190">doi.org/10.30730/2541-8912.2018.2.3.181-190</a>	2018, 3: 181–190
<i>Semenova E.P., Kostylev D.V., Mikhailov V.I., Parshina I.A., Fercheva V.N.</i> Evaluation seismicity in Southern Sakhalin with the use of the method SOUS'09 <a href="https://doi.org/10.30730/2541-8912.2018.2.3.191-195">doi.org/10.30730/2541-8912.2018.2.3.191-195</a>	2018, 3: 191–195
<i>Safonov D.A.</i> Seismic activity of the Amur region and Primorye <a href="https://doi.org/10.30730/2541-8912.2018.2.2.104-115">doi.org/10.30730/2541-8912.2018.2.2.104-115</a>	2018, 2: 104–115
<i>Bogomolov L.M., Kamenev P.A., Sychev V.N.</i> On the slow waves and oscillations in a terrestrial crust and seismoionospheric relations <a href="https://doi.org/10.30730/2541-8912.2018.2.1.003-015">doi.org/10.30730/2541-8912.2018.2.1.003-015</a>	2018, 1: 3–15
<i>Firstov P.P., Makarov E.O., Glukhova I.P., Budilov D.I., Isakevich D.V.</i> Search for predictive anomalies of strong earthquakes according to monitoring of subsoil gases at Petropavlovsk-Kamchatsky geodynamic test site <a href="https://doi.org/10.30730/2541-8912.2018.2.1.016-032">doi.org/10.30730/2541-8912.2018.2.1.016-032</a>	2018, 1: 16–32
<i>Shatakhtyan A.R.</i> Formal clustering method application to data on large and super-large ore deposits <a href="https://doi.org/10.30730/2541-8912.2018.2.1.033-041">doi.org/10.30730/2541-8912.2018.2.1.033-041</a>	2018, 1: 33–41
<i>Zakupin A.S., Kamenev P.A., Voronina T.E., Boginskaya N.V.</i> The estimation of seismic hazard in south part of Sakhalin for 2018 year (based on preliminary catalog) <a href="https://doi.org/10.30730/2541-8912.2018.2.1.052-056">doi.org/10.30730/2541-8912.2018.2.1.052-056</a>	2018, 1: 52–56
<i>Saprygin S.M.</i> Faults and wavequides in the Sakhalin depths <a href="https://doi.org/10.30730/2541-8912.2017.1.4.047-052">doi.org/10.30730/2541-8912.2017.1.4.047-052</a>	2017, 4: 47–52
<i>Zakupin A.S., Kamenev P.A.</i> Space-time localization probability of enhanced seismic hazard in LURR medium-term prediction technique as applied to New Zealand territory <a href="https://doi.org/10.30730/2541-8912.2017.1.3.040-049">doi.org/10.30730/2541-8912.2017.1.3.040-049</a>	2017, 3: 40–49
<i>Zolotukhin D.E., Ivelskaya T.N.</i> On specific magnitude and geographical criterion for tsunami alarm announcement in the Sea of Japan <a href="https://doi.org/10.30730/2541-8912.2017.1.3.050-056">doi.org/10.30730/2541-8912.2017.1.3.050-056</a>	2017, 3: 50–56
<i>Larionov I.A., Marapulets Yu.V., Mishchenko M.A., Solodchuk A.A., Shcherbina A.O.</i> Research of the acoustic emission of the near-surface sedimentary rocks in Kamchatka <a href="https://doi.org/10.30730/2541-8912.2017.1.3.057-063">doi.org/10.30730/2541-8912.2017.1.3.057-063</a>	2017, 3: 57–63
<i>Borisov A.S., Borisov S.A.</i> Estimation of parameters of hydroacoustic signals of high frequency geoacoustic emission within Central Sakhalin Fault area <a href="https://doi.org/10.30730/2541-8912.2017.1.3.064-070">doi.org/10.30730/2541-8912.2017.1.3.064-070</a>	2017, 3: 64–70
<b>General and regional geology. Geotectonics and geodynamics. Volcanology. Petrology.</b>	
<i>Degterev A.V.</i> Tephrostratigraphic fieldwork on Iturup Island (the South Kuril Islands) in 2024 <a href="https://doi.org/10.30730/gtrz.2024.8.3.212-218">https://doi.org/10.30730/gtrz.2024.8.3.212-218</a> ; <a href="https://www.elibrary.ru/uvkmyl">https://www.elibrary.ru/uvkmyl</a>	2024, 3: 212–218
<i>Verkhoturov A.A.</i> Stratigraphic control of large detrital rocks of the Yuzhno-Sakhalinsk Mud Volcano <a href="https://doi.org/10.30730/gtrz.2024.8.2.104-113">https://doi.org/10.30730/gtrz.2024.8.2.104-113</a> ; <a href="https://www.elibrary.ru/jlpzq">https://www.elibrary.ru/jlpzq</a>	2024, 2: 104–113
<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="https://doi.org/10.30730/gtrz.2023.8.1.037-046">https://doi.org/10.30730/gtrz.2023.8.1.037-046</a> ; <a href="http://journal.imgur.ru/web/full/f-e2024-1-3.pdf">http://journal.imgur.ru/web/full/f-e2024-1-3.pdf</a>	2024, 1: 37–46
<i>Batanov Ph.I., Abkadyrov I.F., Degterev A.V., Zakharov S.M., Kokhanova S.P., Novikov Yu.V., Pinegina T.K., Razjigaeva N.G., Khomchanovsky A.L., Hubaeva O.R.</i> “Iturup 2022–2023” expedition: main directions of work and preliminary results <a href="https://doi.org/10.30730/gtrz.2024.8.1.047-055">https://doi.org/10.30730/gtrz.2024.8.1.047-055</a> ; <a href="https://www.elibrary.ru/abwmow">https://www.elibrary.ru/abwmow</a>	2024, 1: 47–55
<i>Romanyuk F.A.</i> Volcanological and geoecological studies on Iturup Island (Kuril Islands) in 2023 <a href="https://doi.org/10.30730/gtrz.2024.8.1.056-063">https://doi.org/10.30730/gtrz.2024.8.1.056-063</a> ; <a href="https://www.elibrary.ru/wtvlsl">https://www.elibrary.ru/wtvlsl</a>	2024, 1: 56–63
<i>Kamenev P.A., Lukmanov A.R.</i> Patterns of fracturing placement in terrigenous rocks of Sakhalin Island <a href="https://doi.org/10.30730/gtrz.2023.7.4.419-426">https://doi.org/10.30730/gtrz.2023.7.4.419-426</a>	2023, 4: 419–426
<i>Degterev A.V., Chibisova M.V.</i> Volcanic activity on the Kuril Islands in 2022 <a href="https://doi.org/10.30730/gtrz.2023.7.4.427-438">https://doi.org/10.30730/gtrz.2023.7.4.427-438</a>	2023, 4: 427–438
<i>Krutenko M.F., Isaev V.I., Lobova G.</i> The Paleozoic oil in the Urman field (the southeast of Western Siberia) <a href="https://doi.org/10.30730/gtrz.2023.7.3.243-263">https://doi.org/10.30730/gtrz.2023.7.3.243-263</a>	2023, 3: 243–263
<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.imgur.ru/web/full/f-e2023-3-3.pdf">http://journal.imgur.ru/web/full/f-e2023-3-3.pdf</a> ) <a href="https://doi.org/10.30730/gtrz.2023.7.3.264-275">https://doi.org/10.30730/gtrz.2023.7.3.264-275</a>	2023, 3: 264–275
<i>Degterev A.V., Chibisova M.V.</i> Explosive activity of Chikurachki volcano in January–February of 2023 (Paramushir Island, Northern Kuril Islands) <a href="https://doi.org/10.30730/gtrz.2023.7.2.212-218">https://doi.org/10.30730/gtrz.2023.7.2.212-218</a>	2023, 2: 212–218
<i>Degterev A.V., Chibisova M.V.</i> The explosive activity of Chikurachki volcano in January–October 2022 (Paramushir Island, Northern Kuriles) <a href="https://doi.org/10.30730/gtrz.2022.6.4.328-338">https://doi.org/10.30730/gtrz.2022.6.4.328-338</a>	2022, 4: 328–338
<i>Degterev A.V., Chibisova M.V.</i> Volcanic activity of the Kuril Islands in 2020–2021 <a href="https://doi.org/10.30730/gtrz.2022.6.3.195-205">https://doi.org/10.30730/gtrz.2022.6.3.195-205</a>	2022, 3: 195–205
<i>Nikitenko O.A., Ershov V.V., Zharkov R.V., Ustyugov G.V.</i> Dynamics of the physicochemical characteristics of the thermomineral waters of the Daginsky field (before the reconstruction of the springs in 2019–2020) <a href="https://doi.org/10.30730/gtrz.2022.6.3.183-194">https://doi.org/10.30730/gtrz.2022.6.3.183-194</a>	2022, 3: 183–194
<i>Degterev A.V., Kozlov D.N., Hubaeva O.R., Khomchanovskiy A.L.</i> Expedition to study new thermal manifestations on Iturup Island in 2022. <a href="https://doi.org/10.30730/gtrz.2022.6.2.130-135">https://doi.org/10.30730/gtrz.2022.6.2.130-135</a>	2022, 2: 130–135
<i>Degterev A.V., Chibisova M.V.</i> The activity of Chikurachki volcano (Paramushir Isl., Northern Kuriles) in January–February of 2022 <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: 13–23
<i>Kostrov Yu.V., Kamenev P.A., Degtyarev V.A.</i> Structural and geological study of the zone of influence of the central part of the West Sakhalin fault <a href="https://doi.org/10.30730/gtrz.2022.6.1.005-012">https://doi.org/10.30730/gtrz.2022.6.1.005-012</a>	2022, 1: 5–12
<i>Degterev A.V., Chibisova M.V., Zharkov R.V.</i> Activity of Chirinkotan and Sarychev Peak volcanoes in 2021(Kuril Islands) <a href="https://doi.org/10.30730/gtrz.2021.5.4.354-360">https://doi.org/10.30730/gtrz.2021.5.4.354-360</a>	2021, 4: 354–360

<i>Zhigulev V.V., Zhigulev A.V.</i> Geological evolution of the northern Mid Kuril trough based on seismic facies analysis <a href="https://doi.org/10.30730/gtrz.2021.5.3.275-286">https://doi.org/10.30730/gtrz.2021.5.3.275-286</a>	2021, 3: 275–286
<i>Rasskazov S.V., Rybin A.V., Degterev A.V., Chuvashova I.S., Yasnygina T.A., Saranina E.V.</i> Pliocene adakite-like accent of andesites and dacites from the Orlov volcanic field (Sakhalin Island) <a href="https://doi.org/10.30730/gtrz.2021.5.3.255-274">https://doi.org/10.30730/gtrz.2021.5.3.255-274</a>	2021, 3: 255–274
<i>Kostrov Yu.V., Degtyarev V.A., Marinin A.V., Khmarin E.K., Kamenev P.A.</i> Study of fractured reservoirs during geological exploration in the north-eastern part of the Sakhalin Island <a href="https://doi.org/10.30730/gtrz.2021.5.2.153-166">https://doi.org/10.30730/gtrz.2021.5.2.153-166</a>	2021, 2: 153–166
<i>Degterev A.V., Chibisova M.V.</i> Activation of the Sarychev Peak volcano in 2020–2021 (Matua Isl., the Central Kuril Islands) <a href="https://doi.org/10.30730/gtrz.2021.5.2.167-171">https://doi.org/10.30730/gtrz.2021.5.2.167-171</a>	2021, 2: 167–171
<i>Bondarenko V.I., Rashidov V.A.</i> Underwater gas-hydrothermal activity within the Kuril island arc <a href="https://doi.org/10.30730/gtrz.2021.5.1.004-013">https://doi.org/10.30730/gtrz.2021.5.1.004-013</a>	2021, 1: 4–13
<i>Kazakov A.I., Veselov O.V., Kozlov D.N.</i> Statistical analysis of the distribution of phreatic eruption products in the caldera of the Golovnin volcano (Kunashir Island, Kuril Islands) <a href="https://doi.org/10.30730/gtrz.2021.5.1.014-026">https://doi.org/10.30730/gtrz.2021.5.1.014-026</a>	2021, 1:14–26
<i>Sim L.A., Kamenev P.A., Bogomolov L.M.</i> New data on the latest stress state of the earth's crust on Sakhalin Island (based on structural and geomorphological indicators of tectonic stress) <a href="https://doi.org/10.30730/gtrz.2020.4.4.372-383">https://doi.org/10.30730/gtrz.2020.4.4.372-383</a>	2020, 4: 372–383
<i>Degterev A.V., Chibisova M.V.</i> Activation of the Ebeko volcano in May–July, 2020 (Paramushir Island, Northern Kuril Islands) <a href="https://doi.org/10.30730/gtrz.2020.4.4.500-505">https://doi.org/10.30730/gtrz.2020.4.4.500-505</a>	2020, 4: 500–505
<i>Nikitenko O.A., Ershov V.V.</i> Hydrogeochemical characteristics of mud volcanism manifestations on Sakhalin Island <a href="https://doi.org/10.30730/gtrz.2020.4.3.321-335.336-350">https://doi.org/10.30730/gtrz.2020.4.3.321-335.336-350</a>	2020, 3: 336–350
<i>Romanyuk F.A., Degterev A.V.</i> Transformation of the coastline of Raikoke Island after the explosive eruption on June 21–25, 2019 (Central Kuril Islands) <a href="https://doi.org/10.30730/gtrz.2020.4.3.351-358">https://doi.org/10.30730/gtrz.2020.4.3.351-358</a>	2020, 3: 351–358
<i>Nikitina M.A., Rodkin M.V.</i> Intermediate-depth earthquakes and the connection of the seismicity with metamorphism and deep fluid regime in subduction zone for the North Island of New Zealand <a href="https://doi.org/10.30730/2541-8912.2020.4.1.103-115">https://doi.org/10.30730/2541-8912.2020.4.1.103-115</a>	2020, 1: 103–115
<i>Bulgakov R.F., Senachin V.N., Senachin M.V.</i> Density and rheological inhomogeneities in the mantle of the active oceanic margins of western part of Pacific Ocean and the Kuril deep-sea trench area <a href="https://doi.org/10.30730/2541-8912.2020.4.1.116-130">https://doi.org/10.30730/2541-8912.2020.4.1.116-130</a>	2020, 1: 116–130
<i>Firstov P.P., Popov O.E., Lobacheva M.A., Budilov D.I., Akbashev R.R.</i> Wave perturbations in the atmosphere accompanied the eruption of the Raykoke volcano (Kuril Islands) June 21–22, 2019 <a href="https://doi.org/10.30730/2541-8912.2020.4.1.071-081.082-092">https://doi.org/10.30730/2541-8912.2020.4.1.071-081.082-092</a>	2020, 1: 71–92
<i>Degterev A.V., Chibisova M.V.</i> The volcanic activity at the Kuril Islands in 2019 <a href="https://doi.org/10.30730/2541-8912.2020.4.1.093-102">https://doi.org/10.30730/2541-8912.2020.4.1.093-102</a>	2020, 1: 93–102
<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 <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>Bulgakov R.F., Senachin V.N.</i> Marine terraces and hydroisostasy influence on the vertical movements of the Sakhalin <a href="https://doi.org/10.30730/2541-8912.2019.3.3.277-286">doi.org/10.30730/2541-8912.2019.3.3.277-286</a>	2019, 3: 277–286
<i>Bornyakov S.A., Salko D.V., Shagun A.N., Dobrynina A.A., Usynin L.A.</i> The slow deformation waves as a possible precursor of seismic hazard <a href="https://doi.org/10.30730/2541-8912.2019.3.3.267-276">doi.org/10.30730/2541-8912.2019.3.3.267-276</a>	2019, 3: 267–276
<i>Kamenev P.A., Zabolotin A.E., Degterev V.A., Zherdeva O.A.</i> Geomechanical model of South Sakhalin active fault <a href="https://doi.org/10.30730/2541-8912.2019.3.3.287-295">doi.org/10.30730/2541-8912.2019.3.3.287-295</a>	2019, 3: 287–295
<i>Degterev A.V., Chibisova M.V.</i> The eruption of Raikoke volcano in June of 2019 (Raikoke Island, Central Kuril Islands) <a href="https://doi.org/10.30730/2541-8912.2019.3.3.304-309">doi.org/10.30730/2541-8912.2019.3.3.304-309</a>	2019, 3: 304–309
<i>Safonov D.A.</i> Spatial distribution of tectonic stress in the southern deep part of the Kuril-Kamchatka subduction zone <a href="https://doi.org/10.30730/2541-8912.2019.3.2.175-188">doi.org/10.30730/2541-8912.2019.3.2.175-188</a>	2019, 2: 175–188
<i>Polets A.Yu.</i> Modern tectonic stress field of the Sakhalin-Japanese earthquake belt <a href="https://doi.org/10.30730/2541-8912.2019.3.2.189-200">doi.org/10.30730/2541-8912.2019.3.2.189-200</a>	2019, 2: 189–200
<i>Chibisova M.V., Degterev A.V.</i> The activity of Sarychev Peak volcano (Matua Island, Middle Kuriles) in 2017–2018: on the basis satellite and visual data <a href="https://doi.org/10.30730/2541-8912.2019.3.1.144-148">doi.org/10.30730/2541-8912.2019.3.1.144-148</a>	2019, 1: 144–148
<i>Senachin V.N., Senachin M.V.</i> Lateral and radial density heterogeneities of the continental and oceanic lithosphere and their connection with the process of formation of earth's crust <a href="https://doi.org/10.30730/2541-8912.2018.2.4.269-279">doi.org/10.30730/2541-8912.2018.2.4.269-279</a>	2018, 4: 269–279
<i>Sim L.A., Gordeev N.A., Marinin A.V.</i> Modern geodynamics of the eastern boundary of Siberian Platform <a href="https://doi.org/10.30730/2541-8912.2018.2.4.280-289">doi.org/10.30730/2541-8912.2018.2.4.280-289</a>	2018, 4: 280–289
<i>Kuzikov S.I.</i> Deformation of fault zones according to linear-angle measurements at the Bishkek geodynamic test site <a href="https://doi.org/10.30730/2541-8912.2018.2.4.290-301">doi.org/10.30730/2541-8912.2018.2.4.290-301</a>	2018, 4: 290–301
<i>Nikitenko O.A., Ershov V.V., Perstneva Ju.A., Bondarenko D.D., Baloglanov E.E., Abbasov O.R.</i> Substance composition produced by mud volcanoes of Sakhalin Island and Azerbaijan: the first comparison <a href="https://doi.org/10.30730/2541-8912.2018.2.4.346-358">doi.org/10.30730/2541-8912.2018.2.4.346-358</a>	2018, 4: 346–358
<i>Kozlov D.N., Degterev A.V., Zarochintsev V.S.</i> Koltsevoe caldera lake: current state and structure of the basin (Onekotan Island, Kuril Islands) <a href="https://doi.org/10.30730/2541-8912.2018.2.4.359-364">doi.org/10.30730/2541-8912.2018.2.4.359-364</a>	2018, 4: 359–364
<i>Smirnov S.Z., Maksimovich I.A., Kотов A.A., Timina T.Yu., Bulbak T.A., Tomilenko A.A., Kuzmin D.V., Shevko A.Ya., Rybin A.V.</i> Behavior of volatiles in the magmatic reservoirs of large-scale eruptions of Pleistocene-Holocene calderas of Iturup Island (Kuril Islands) <a href="https://doi.org/10.30730/2541-8912.2018.2.4.365-376">doi.org/10.30730/2541-8912.2018.2.4.365-376</a>	2018, 4: 365–376

<i>Rybin A.V., Chibisova M.V., Smirnov S.Z., Martynov Yu.A., Degterev A.V.</i> Petrochemical features of volcanic complexes of Medvezh'ya caldera (Iturup Island, Kuril Islands) <a href="https://doi.org/10.30730/2541-8912.2018.2.4.377-385">doi.org/10.30730/2541-8912.2018.2.4.377-385</a>	2018, 4: 377–385
<i>Degterev A.V., Kozlov D.N., Romanyuk F.A., Zharkov R.V., Rybin A.V.</i> The state of Berutarube volcano in 2017 (Iturup Island, Kuril Islands) <a href="https://doi.org/10.30730/2541-8912.2018.2.4.386-391">doi.org/10.30730/2541-8912.2018.2.4.386-391</a>	2018, 4: 386–391
<i>Bulgakov R.Ph.</i> Application of thermoluminescence dating for pyroclastic deposits on the Kuril Islands <a href="https://doi.org/10.30730/2541-8912.2018.2.4.392-397">doi.org/10.30730/2541-8912.2018.2.4.392-397</a>	2018, 4: 392–397
<i>Senachin V.N., Veselov O.V., Senachin M.V.</i> Mantle anomalies of gravitational and “free surface” kind, and their relationship with the deep processes <a href="https://doi.org/10.30730/2541-8912.2018.2.2.196-224">doi.org/10.30730/2541-8912.2018.2.2.196-224</a>	2018, 3: 196–224
<i>Grannik V.M.</i> Chekhov's Late Cenozoic volcanism of the eastern coast of Southern Sakhalin (Makarovskiy district) <a href="https://doi.org/10.30730/2541-8912.2018.2.3.252-258">doi.org/10.30730/2541-8912.2018.2.3.252-258</a>	2018, 3: 252–258
<i>Rybin A.V., Chibisova M.V., Degterev A.V.</i> Monitoring of volcanic activity in the Kurile Islands: 15 years of work SVERT group <a href="https://doi.org/10.30730/2541-8912.2018.2.3.259-266">doi.org/10.30730/2541-8912.2018.2.3.259-266</a>	2018, 3: 259–266
<i>Grannik V.M.</i> Late Cenozoic igneous rocks of the Krilon Peninsular (Sakhalin Island) <a href="https://doi.org/10.30730/2541-8912.2017.1.4.003-020">doi.org/10.30730/2541-8912.2017.1.4.003-020</a>	2017, 4: 3–20
<i>Rybin A.V., Degterev A.V., Dudchenko I.P., Guryanov V.B., Romanyuk F.A., Klimantsov I.M.</i> Comprehensive research on Matua Island in 2017 <a href="https://doi.org/10.30730/2541-8912.2017.1.4.021-029">doi.org/10.30730/2541-8912.2017.1.4.021-029</a>	2017, 4: 21–29
<i>Levin B.W., Sasorova E.V.</i> On the influence of the Earth's rotation velocity on global seismicity on the basis of observations from 1720 to 2016 <a href="https://doi.org/10.30730/2541-8912.2017.1.3.003-020">doi.org/10.30730/2541-8912.2017.1.3.003-020</a>	2017, 3: 3–20
<i>Sycheva N.A., Sychev I.V.</i> Investigation of Q-factor of the North Tien Shan ground (Bishkek Geodynamic Test Site) on the basis of a code waves of local earthquakes <a href="https://doi.org/10.30730/2541-8912.2017.1.3.021-039">doi.org/10.30730/2541-8912.2017.1.3.021-039</a>	2017, 3: 21–39
<i>Sim L.A., Bryantseva G.V., Savichev P.A., Kamenev P.A.</i> Patterns of transition zone between Eurasian and North American plates (by example of stressed state of the Sakhalin Island) <a href="https://doi.org/10.30730/2541-8912.2017.1.1.003-022">doi.org/10.30730/2541-8912.2017.1.1.003-022</a>	2017, 1: 3–22
<i>Lomtev V.L., Patrickeyev V.N.</i> Seismic signatures indicators of North Sakhalin active faults <a href="https://doi.org/10.30730/2541-8912.2017.1.1.037-048">doi.org/10.30730/2541-8912.2017.1.1.037-048</a>	2017, 1: 37–48
<i>Saprygin S.M., Soloviev V.N.</i> Pacific plate subduction in 1978–1981 <a href="https://doi.org/10.30730/2541-8912.2017.1.1.049-057">doi.org/10.30730/2541-8912.2017.1.1.049-057</a>	2017, 1: 49–57
<b>Geomorphology and Palaeogeography</b>	
<i>Mukhametshina E.O.</i> Subfossil spore-pollen spectra of mountainous areas: the case of the Kamchatka Peninsula <a href="https://doi.org/10.30730/gtrz.2024.8.2.127-141">https://doi.org/10.30730/gtrz.2024.8.2.127-141</a> ; <a href="https://www.elibrary.ru/evlhaw">https://www.elibrary.ru/evlhaw</a>	2024, 2: 127–141
<i>Mokhova L.M.</i> Special aspects of the formation of subfossil pollen assemblages from Keto Island (Central Kuril Islands) <a href="https://doi.org/10.30730/gtrz.2024.8.2.142-152">https://doi.org/10.30730/gtrz.2024.8.2.142-152</a> ; <a href="https://www.elibrary.ru/hbzau">https://www.elibrary.ru/hbzau</a>	2024, 2: 142–152
<i>Chakov V.V., Klimin M.A., Kuptsova V.A., Zakharchenko E.N., Razjigaeva N.G., Mokhova L.M., Ganzei L.A., Grebennikova T.A.</i> Genesis and evolution of peat deposits on island territories of the southwestern Okhotsk Sea Region in the Holocene <a href="https://doi.org/10.30730/gtrz.2024.8.1.013-036">https://doi.org/10.30730/gtrz.2024.8.1.013-036</a> ; <a href="https://www.elibrary.ru/cgjuf">https://www.elibrary.ru/cgjuf</a>	2024, 1: 13–36
<i>Razjigaeva N.G., Ganzei L.A., Grebennikova T.A., Mokhova L.M., Arslanov Kh.A.</i> Lacustrine paleoarchives of environmental changes of Peschany Peninsula, Sea of Japan (South Primorye) <a href="https://doi.org/10.30730/gtrz.2023.7.4.375-404">https://doi.org/10.30730/gtrz.2023.7.4.375-404</a>	2023, 4: 375–404
<i>Romanyuk F.A., Kozlov D.N., Zharkov R.V.</i> First results of field work in 2021 on the group of Novikovskiye Karyernye lakes (Sakhalin Island): morphology and morphometric parameters of basins <a href="https://doi.org/10.30730/gtrz.2022.6.3.237-245">https://doi.org/10.30730/gtrz.2022.6.3.237-245</a>	2022, 3: 237–245
<i>Mikishin Yu.A., Gorbunov A.O., Gvozdeva I.G., Cherepanova M.V.</i> Palaeoclimates, vegetation and geochronology of landscape-climatic evolution on the coast of the southwestern margin of Sakhalin in the Middle–Late Holocene <a href="https://doi.org/10.30730/gtrz.2022.6.3.218-236">https://doi.org/10.30730/gtrz.2022.6.3.218-236</a>	2022, 3: 218–236
<i>Lyashchekskaya M.S., Ganzei L.A.</i> Dynamics of vegetation of the southern Primorye during the climatic rhythm of the Little Ice Age <a href="https://doi.org/10.30730/gtrz.2022.6.3.206-217">https://doi.org/10.30730/gtrz.2022.6.3.206-217</a>	2022, 3: 206–217
<i>Razjigaeva N.G., Ganzei 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/gtrz.2022.6.2.100-113">https://doi.org/10.30730/gtrz.2022.6.2.100-113</a>	2022, 2: 100–113
<i>Mokhova L.M., Kudryavtseva E.P.</i> Subfossil pollen spectra as evidence of the altitudinal zonation of the Southern Sikhote-Alin <a href="https://doi.org/10.30730/gtrz.2022.6.1.043-053">https://doi.org/10.30730/gtrz.2022.6.1.043-053</a>	2022, 1: 43–53
<i>Kornyushenko T.V., Razjigaeva N.G., Ganzei L.A., Grebennikova T.A., Kudryavtseva E.P., Piskareva Y.E., Prokopets S.D.</i> Evidence of geosystems transformation during Medieval development of South Primorye: Steklyanukha-2 fortress <a href="https://doi.org/10.30730/gtrz.2022.6.1.024-042">https://doi.org/10.30730/gtrz.2022.6.1.024-042</a>	2022, 1: 24–42
<i>Kozlov D.N.</i> The largest lakes of the Kuril Islands: morphometry and geographical distribution (materials for the database) <a href="https://doi.org/10.30730/gtrz.2020.4.4.506-513">https://doi.org/10.30730/gtrz.2020.4.4.506-513</a>	2020, 4: 506–513
<i>Razjigaeva N.G., Ganzei L.A., Grebennikova T.A., Kopotova T.A., Klimin M.A., Lyashevskaya M.S., Panichev A.M., Arslanov Kh.A., Maksimov F.E., Petrov A.Yu.</i> Development of Solontsovskie Lakes as indicator of humidity within Central Sikhote-Alin in the Late Holocene <a href="https://doi.org/10.30730/gtrz.2021.5.3.287-304">https://doi.org/10.30730/gtrz.2021.5.3.287-304</a>	2020, 3: 287–304
<i>Razjigaeva N.G., Ganzei L.A., Makarova T.R., Kornyushenko T.V., Kudryavtseva E.P., Ganzei K.S., Sudin V.V., Kharlamov A.A.</i> Paleolake of Shkot Island: natural archive of climatic and landscape changes <a href="https://doi.org/10.30730/gtrz.2020.4.2.230-249">https://doi.org/10.30730/gtrz.2020.4.2.230-249</a>	2020, 2: 230–249
<i>Bulgakov R.F., Afanas'ev V.V., Ignatov E.I.</i> Effect of hydroisostasy on postglacial transgression on the shelf and coast of Primorye as revealed by computer modelling <a href="https://doi.org/10.30730/gtrz.2020.4.2.210-219.220-229">https://doi.org/10.30730/gtrz.2020.4.2.210-219.220-229</a>	2020, 2: 210–229

<i>Afanas'yev V.V.</i> A new type of aeolian morphogenesis on volcanic shores (Iturup Island, Great Kuril Ridge) <a href="https://doi.org/10.30730/2541-8912.2019.3.4.423-427">doi.org/10.30730/2541-8912.2019.3.4.423-427</a>	2019, 4: 423–427
<i>Afanas'yev V.V., Uba A.V., Levitsky A.I.</i> Migration of the straits and pelagic sedimentation in the lagoons <a href="https://doi.org/10.30730/2541-8912.2019.3.3.310-317">doi.org/10.30730/2541-8912.2019.3.3.310-317</a>	2019, 3: 310–317
<i>Razzhigaeva N.G., Ganzev L.A., Grebenikova T.A., Kaistrenko V.M., Kharlamov A.A., Arslanov Kh.A., Maksimov F.E.</i> Application of paleodata for evaluation of the tsunami hazard of the Malokurilskaya bay coast (Shikotan Island) <a href="https://doi.org/10.30730/2541-8912.2019.3.2.219-236">doi.org/10.30730/2541-8912.2019.3.2.219-236</a>	2019, 2: 219–236
<i>Dunaev N.N., Repkina T.Yu., Baranskaya A.V., Afanasiev V.V.</i> Modern dynamics of an accumulative coast composed by pyroclastics of an underwater volcanic eruption <a href="https://doi.org/10.30730/2541-8912.2019.3.2.237-244">doi.org/10.30730/2541-8912.2019.3.2.237-244</a>	2019, 2: 237–244
<i>Kozlov D.N., Koroteev I.G.</i> Modern data on morphology of the flooded caldera Lvinaya Past (Iturup Island, Southern Kuriles) <a href="https://doi.org/10.30730/2541-8912.2019.3.2.245-248">doi.org/10.30730/2541-8912.2019.3.2.245-248</a>	2019, 2: 245–248
<i>Afanasiev V.V., Leont'yev I.O., Uba A.V.</i> Analysis of the dynamics of the lagoon accumulative barrier form (Sakhalin Island) on the basis of mathematical modeling and relief strain maps for a long-term period <a href="https://doi.org/10.30730/2541-8912.2019.3.1.137-143">doi.org/10.30730/2541-8912.2019.3.1.137-143</a>	2019, 1: 137–143
<i>Afanasiev V.V., Ignatov E.I.</i> Geomorphological aspects of coast protection in high latitudes <a href="https://doi.org/10.30730/2541-8912.2018.2.2.116-124">doi.org/10.30730/2541-8912.2018.2.2.116-124</a>	2018, 2: 116–124
<i>Afanasiev V.V., Uba A.V., Gorbunov A.O., Zarochintsev V.S., Levitsky A.I.</i> Morphodynamics of the stable system of megafestons (sand waves) of Terpeniya Bay (Sakhalin Island) <a href="https://doi.org/10.30730/2541-8912.2018.2.1.042-051">doi.org/10.30730/2541-8912.2018.2.1.042-051</a>	2018, 1: 42–51
<i>Afanasiev V.V., Romanov A.O., Uba A.V.</i> Dynamics of the shores during cold period <a href="https://doi.org/10.30730/2541-8912.2017.1.1.023-029">doi.org/10.30730/2541-8912.2017.1.1.023-029</a>	2017, 1: 23–29
<b>Oceanology</b>	
<i>Kovalev D.P., Kovalev P.D., Borisov A.S., Kirillov K.V.</i> Waves in the marine area near Cape Svobodny (south-eastern part of Sakhalin Island) <a href="https://doi.org/10.30730/gtrz.2024.8.3.201-211">https://doi.org/10.30730/gtrz.2024.8.3.201-211</a> ; <a href="https://www.elibrary.ru/lgdflz">https://www.elibrary.ru/lgdflz</a> ; <a href="http://journal.imgur.ru/web/full/f2024-3-3.pdf">http://journal.imgur.ru/web/full/f2024-3-3.pdf</a> (In Russian)	2024, 3: 201–211
<i>Shumilov I.V., Minervin I.G., Pishchalnik V.M., Romanyuk V.A.</i> Experimental model of intraseasonal variation of ice cover area in the Sea of Okhotsk <a href="https://doi.org/10.30730/gtrz.2024.8.2.114-126">https://doi.org/10.30730/gtrz.2024.8.2.114-126</a> ; <a href="https://www.elibrary.ru/vjivyc">https://www.elibrary.ru/vjivyc</a>	2024, 2: 114–126
<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/gtrz.2024.8.1.005-012">https://doi.org/10.30730/gtrz.2024.8.1.005-012</a> ; <a href="https://www.elibrary.ru/wqcapo">https://www.elibrary.ru/wqcapo</a>	2024, 1: 5–12
<i>Razjigaeva N.G., Ganzev L.A., Grebenikova T.A., Kharlamov A.A., Loskutov A.V., Bulgakov R.F.</i> Geological evidence of strong tsunami manifestations on the Iturup Island (Kuril Islands) at last 3500 years <a href="https://doi.org/10.30730/gtrz.2023.7.4.357-374">https://doi.org/10.30730/gtrz.2023.7.4.357-374</a>	2023, 4: 357–374
<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.imgur.ru/web/full/f-e2023-3-3.pdf">http://journal.imgur.ru/web/full/f-e2023-3-3.pdf</a> ) <a href="https://doi.org/10.30730/gtrz.2023.7.3.264-275">https://doi.org/10.30730/gtrz.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.imgur.ru/web/full/f-e2023-3-4.pdf">http://journal.imgur.ru/web/full/f-e2023-3-4.pdf</a> ) <a href="https://doi.org/10.30730/gtrz.2023.7.3.276-291">https://doi.org/10.30730/gtrz.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/gtrz.2023.7.3.292-303">https://doi.org/10.30730/gtrz.2023.7.3.292-303</a>	2023, 3: 292–303
<i>Kaistrenko V.M.</i> The problem of estimating the accuracy of the tsunami activity parameters. (In Russ. & Engl.) <a href="https://doi.org/10.30730/gtrz.2023.7.2.149-159">https://doi.org/10.30730/gtrz.2023.7.2.149-159</a>	2023, 2: 148–159
<i>Kovalev D.P., Kovalev P.D., Zarochintsev V.S., Kirillov K.V.</i> Long waves on the shelf of the southwest coast of Sakhalin Island <a href="https://doi.org/10.30730/gtrz.2023.7.2.160-174">https://doi.org/10.30730/gtrz.2023.7.2.160-174</a>	2023, 2: 160–174
<i>Shevchenko G.V., Tsos A.T.</i> Spatial structure of the tides near the southwestern coast of Kamchatka according to coastal observations and satellite altimetry data <a href="https://doi.org/10.30730/gtrz.2022.6.3.246-255">https://doi.org/10.30730/gtrz.2022.6.3.246-255</a>	2022, 3: 246–255
<i>Kovalev D.P., Kovalev P.D., Borisov A.S., Zarochintsev V.S., Kirillov K.V.</i> Features of seiche excitation in the water area near Poronaisk (Sakhalin Island). <a href="https://doi.org/10.30730/gtrz.2022.6.2.114-123">https://doi.org/10.30730/gtrz.2022.6.2.114-123</a>	2022, 2: 114–123
<i>Borisov A.S.</i> Sea wave characteristics in the port of Kholmsk (Sakhalin Island) <a href="https://doi.org/10.30730/gtrz.2022.6.1.054-059">https://doi.org/10.30730/gtrz.2022.6.1.054-059</a>	2022, 1: 54–59
<i>Kovalev D.P., Kovalev P.D., Borisov A.S., Kirillov K.V.</i> Wave characteristics in the southern part of the Sea of Okhotsk – the area of water transport routes to the southern Kuril Island <a href="https://doi.org/10.30730/gtrz.2021.5.4.328-338">https://doi.org/10.30730/gtrz.2021.5.4.328-338</a>	2021, 4: 328–338
<i>Shakirov R.B., Venikova A.L., Sokolova N.L., Obzhirov A.I., Veselov O.V., Maltceva E.V., Kuziv F.V., Leksin V.K.</i> Peculiarities of anomalous gas-geochemical fields in the East Deryugin graben of the Sea of Okhotsk <a href="https://doi.org/10.30730/gtrz.2021.5.3.229-239">https://doi.org/10.30730/gtrz.2021.5.3.229-239</a>	2021, 3: 229–239
<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 <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: 240–254
<i>Shevchenko G.V., Chastikov V.N.</i> On the unusual distribution of modified Amur River water in the Aniva Bay (Sakhalin) in November 2001 <a href="https://doi.org/10.30730/gtrz.2021.5.2.172-178">https://doi.org/10.30730/gtrz.2021.5.2.172-178</a>	2021, 1: 172–178
<i>Koralev O.A.</i> On a new predictor affecting ice formation in the Sea of Okhotsk <a href="https://doi.org/10.30730/gtrz.2021.5.1.060-066">https://doi.org/10.30730/gtrz.2021.5.1.060-066</a>	2021, 1: 60–66
<i>Bulgakov R.F., Afanas'ev V.V.</i> Effects of hydroisostatic compensation depending on the shelf width on the example of the Laptev and East Siberian seas <a href="https://doi.org/10.30730/gtrz.2020.4.3.305-312.313-320">https://doi.org/10.30730/gtrz.2020.4.3.305-312.313-320</a>	2020, 3: 313–320

Kovalev P.D., Kovalev D.P., Shishkin A.A. Study of waves in the bays and on the coast of Shikotan Island in the Lesser Kuril ridge <a href="https://doi.org/10.30730/gtrz.2020.4.2.250-258">https://doi.org/10.30730/gtrz.2020.4.2.250-258</a>	2020, 2: 250–258
Korolev Yu.P., Korolev P.Yu. Simulation of the process of short-term forecasting of the 25.03.2020 Onekotan tsunami <a href="https://doi.org/10.30730/gtrz.2020.4.2.259-265">https://doi.org/10.30730/gtrz.2020.4.2.259-265</a>	2020, 2: 259–265
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 Arctic: A review. Part I (In English) <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
Korolev Yu.P., Korolev P.Yu. Are tsunamis long or dispersive waves? <a href="https://doi.org/10.30730/2541-8912.2020.4.1.026-034">https://doi.org/10.30730/2541-8912.2020.4.1.026-034</a>	2020, 1: 26–34
Shevchenko G.V., Chastikov V.N., Tsoy A.T. Eddies off the southeast coast of Sakhalin Island <a href="https://doi.org/10.30730/2541-8912.2020.4.1.035-045">https://doi.org/10.30730/2541-8912.2020.4.1.035-045</a>	2020, 1: 35–45
Razjigaeva N.G., Grebennikova T.A., Ganzei L.A., Gorbunov A.O., Ponomarev V.I., Klimin M.A., Arslanov Kh.A., Maksimov F.E., Petrov A.Yu. Reconstruction of paleotyphoons and recurrence of extreme floods in south Sakhalin Island in Middle–Late Holocene <a href="https://doi.org/10.30730/2541-8912.2020.4.1.046-070">https://doi.org/10.30730/2541-8912.2020.4.1.046-070</a>	2020, 1: 46–70
Kaistrenko V.M. Peculiarity of using the paleotsunami data for the tsunami hazard estimation <a href="https://doi.org/10.30730/2541-8912.2019.3.4.403-416">doi.org/10.30730/2541-8912.2019.3.4.403-416</a>	2019, 4: 403–416
Kaistrenko V.M., Razjigaeva N.G., Ganzei 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 English) <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
Kovalev D.P., Kovalev P.D., Khuzeeva M.O. Peculiarities of sea waves near the southeastern coast of Sakhalin Island at passing cyclones above the observation area <a href="https://doi.org/10.30730/2541-8912.2019.3.3.296-303">doi.org/10.30730/2541-8912.2019.3.3.296-303</a>	2019, 3: 296–303
Borisov A.S., Kovalev D.P., Kostylev D.V., Levin Yu.N. Microseisms on the North of Sakhalin Island caused by sea waves <a href="https://doi.org/10.30730/2541-8912.2019.3.2.201-208">doi.org/10.30730/2541-8912.2019.3.2.201-208</a>	2019, 2: 201–208
Gorbunov A.O., Kovalev D.P., Kovalev P.D. The sediment transported by the flow in the eroding area of the Mordvinov Gulf coast (Sakhalin Island) <a href="https://doi.org/10.30730/2541-8912.2019.3.2.209-218">doi.org/10.30730/2541-8912.2019.3.2.209-218</a>	2019, 2: 209–218
Shakirov R.B., Obzhirov A.I., Shakirova M.V., Maltseva E.V. On gas hydrates of East Asian marginal seas: patterns of genesis and distribution (review) <a href="https://doi.org/10.30730/2541-8912.2019.3.1.065-106">doi.org/10.30730/2541-8912.2019.3.1.065-106</a>	2019, 1: 65–106
Shakirov R.B., Mishukova O.V. The spatial distribution of the methane fluxes on the water–atmosphere boundary in the Sea of Okhotsk <a href="https://doi.org/10.30730/2541-8912.2019.3.1.107-123">doi.org/10.30730/2541-8912.2019.3.1.107-123</a>	2019, 1: 107–123
Shevchenko G.V., Khuzeeva M.O., Yachmenev V.E., Shishkin A.A. Storm waves in the South Kuril Islands by visual and instrumental data <a href="https://doi.org/10.30730/2541-8912.2019.3.1.124-136">doi.org/10.30730/2541-8912.2019.3.1.124-136</a>	2019, 1: 124–136
Kovalev P.D., Kovalev D.P., Kirillov K.V. The precursors of a storm <a href="https://doi.org/10.30730/2541-8912.2018.2.4.332-338">doi.org/10.30730/2541-8912.2018.2.4.332-338</a>	2018, 4: 332–338
Kirillov K.V. The investigation of wave field using autonomous wave register ARV-K14 in the coastal area <a href="https://doi.org/10.30730/2541-8912.2018.2.4.339-345">doi.org/10.30730/2541-8912.2018.2.4.339-345</a>	2018, 4: 339–345
Shevchenko G.V., Loskutov A.V., Kaystrenko V.M. A new map of tsunami hazard for the South Kuril Islands <a href="https://doi.org/10.30730/2541-8912.2018.2.3.225-238">doi.org/10.30730/2541-8912.2018.2.3.225-238</a>	2018, 3: 225–238
Kovalev P.D., Kovalev D.P. Measuring the thickness of the sea ice with the use of storms waves <a href="https://doi.org/10.30730/2541-8912.2018.2.3.239-244">doi.org/10.30730/2541-8912.2018.2.3.239-244</a>	2018, 3: 239–244
Shevchenko G.V., Chastikov V.N., Kirillov K.V., Kusaylo O.V. Peculiarities of hydrophysical processes in the vicinity of cape Svobodnyi (southeastern coast of Sakhalin Island) from the data of instrumental measurements <a href="https://doi.org/10.30730/2541-8912.2018.2.2.081-091">doi.org/10.30730/2541-8912.2018.2.2.081-091</a>	2018, 2: 81–91
Obzhirov A.I., Baranov B.V., Shakirov R.B., Prokudin V.G., Mal'tseva E.V. Landslide processes on the South-West slope of the Kuril basin of Okhotsk Sea <a href="https://doi.org/10.30730/2541-8912.2018.2.2.092-098">doi.org/10.30730/2541-8912.2018.2.2.092-098</a>	2018, 2: 92–98
Kovalev D.P., Kovalev P.D. Nonlinear transformation of wind waves and swell under ice <a href="https://doi.org/10.30730/2541-8912.2018.2.2.099-103">doi.org/10.30730/2541-8912.2018.2.2.099-103</a>	2018, 2: 99–103
Korolev Yu.P. The short-term tsunami forecast in the Pacific Ocean <a href="https://doi.org/10.30730/2541-8912.2017.1.2.003-017">doi.org/10.30730/2541-8912.2017.1.2.003-017</a>	2017, 2: 3–17
Kovalev D.P., Kovalev P.D., Kirillov K.V. The investigation of dangerous marine phenomena in the coastal zone based on the field observations results <a href="https://doi.org/10.30730/2541-8912.2017.1.2.018-034">doi.org/10.30730/2541-8912.2017.1.2.018-034</a>	2017, 2: 18–34
Shevchenko G.V., Loskutov A.V. Features of tsunamis in the ports of the Sakhalin Region inferred from the data of instrumental measurements and numerical modeling <a href="https://doi.org/10.30730/2541-8912.2017.1.2.035-049">doi.org/10.30730/2541-8912.2017.1.2.035-049</a>	2017, 2: 35–49
<b>Geoinformatics and cartography (Geophysics, Geoecology, Geology)</b>	
Imashev S.A. Method for detecting anomalies in geomagnetic field variations based on artificial neural network. <a href="https://doi.org/10.30730/gtrz.2024.8.4.343-356">https://doi.org/10.30730/gtrz.2024.8.4.343-356</a> ; <a href="https://www.elibrary.ru/fhzskv">https://www.elibrary.ru/fhzskv</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
Bulgakov R.F. The contribution of hydroisostasy to modern changes in sea level and vertical displacements of the solid surface of the Earth in the Far Eastern seas. <a href="https://doi.org/10.30730/gtrz.2024.8.4.357-366">https://doi.org/10.30730/gtrz.2024.8.4.357-366</a> ; <a href="https://www.elibrary.ru/ayiipa">https://www.elibrary.ru/ayiipa</a>	2024, 4: 357–366
Shevchenko G.V., Lozhkin D.M. 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/gtrz.2023.7.3.276-291">https://doi.org/10.30730/gtrz.2023.7.3.276-291</a>	2023, 3: 276–291
Voronina T.A., Voronin V.V. Data selection method for restoring a tsunami source form (in Engl.) <a href="https://doi.org/10.30730/gtrz.2023.7.3.292-303">https://doi.org/10.30730/gtrz.2023.7.3.292-303</a>	2023, 3: 292–303

Maslova M.N. Quantitative analysis of the ecological and economic balance and the structure of land use in the basin of the Tumannaya Rive <a href="https://doi.org/10.30730/gtrz.2023.7.3.316-330">https://doi.org/10.30730/gtrz.2023.7.3.316-330</a>	2023, 3: 316–330
Muzychenko T.K. Ecological and economic balance evaluation of Peter the Great Gulf basin (Sea of Japan) <a href="https://doi.org/10.30730/gtrz.2023.7.2.196-205">https://doi.org/10.30730/gtrz.2023.7.2.196-205</a>	2023, 2: 196–205
Mingaleva T.A., Shakuro S.V., Senchina N.P., Egorov A.S. Application of RGB-synthesis for complex interpretation of geophysical data in the study of areas contaminated by oil products <a href="https://doi.org/10.30730/gtrz.2023.7.1.075-085">https://doi.org/10.30730/gtrz.2023.7.1.075-085</a>	2023, 1: 75–85
Rusinovich V.V., Rusinovich L.E. Fault surface tracing automation using computer vision algorithms <a href="https://doi.org/10.30730/gtrz.2023.7.1.086-094">https://doi.org/10.30730/gtrz.2023.7.1.086-094</a>	2023, 1: 86–94
Bulgakov R.F. 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/gtrz.2022.6.4.303-315.316-327">https://doi.org/10.30730/gtrz.2022.6.4.303-315.316-327</a>	2022, 4: 303–327
Shvidskaya K.A., Kopanina A.V. Large-scale mapping of the vegetation of the Yuzhno-Sakhalinsk mud volcano and the adjacent landscape (Sakhalin Island) using satellite data <a href="https://doi.org/10.30730/gtrz.2022.6.3.256-276">https://doi.org/10.30730/gtrz.2022.6.3.256-276</a>	2022, 3: 256–276
Bulgakov R.F. Vertical motion modeling as a result of mantle convection on the Sea of Okhotsk profile. <a href="https://doi.org/10.30730/gtrz.2022.6.2.124-129">https://doi.org/10.30730/gtrz.2022.6.2.124-129</a>	2022, 2: 124–129
Bulgakov R.F. 3D modeling of the hydroisostasy effect with a configuration of Moho surface of the Sea of Okhotsk close to real <a href="https://doi.org/10.30730/gtrz.2021.5.4.339-345">https://doi.org/10.30730/gtrz.2021.5.4.339-345</a>	2021, 4: 339–345
Elokhina S.N., Myznikova T.S., Khudyakov A.A. State of the information and analytic database of exogenous geological processes on the territory of the Ural Federal District <a href="https://doi.org/10.30730/gtrz.2021.5.4.346-353">https://doi.org/10.30730/gtrz.2021.5.4.346-353</a>	2021, 4: 346–353
Nikonov V.S. An algorithm for processing ice areas by Earth remote sensing data (by the example of MASIE-NH data) <a href="https://doi.org/10.30730/gtrz.2021.5.1.067-071">https://doi.org/10.30730/gtrz.2021.5.1.067-071</a>	2021, 1: 67–71
Senkevich Yu.I., Lukovenkova O.O., Solodchuk A.A. Method to form a geophysical signals catalog based on geoacoustic emission signals <a href="https://doi.org/10.30730/2541-8912.2018.2.4.409-418">doi.org/10.30730/2541-8912.2018.2.4.409-418</a>	2018, 4: 409–418
Cheshev M.E., Sychev V.N., Imashev S.A. Algorithm of optimal choice of time series ranges for fractal analysis <a href="https://doi.org/10.30730/2541-8912.2018.2.2.125-130">doi.org/10.30730/2541-8912.2018.2.2.125-130</a>	2018, 2: 125–130
Senachin V.N., Senachin M.V. Computation of planetary and regional gravitational models of corn and mantles of the Earth with account of its spherical form <a href="https://doi.org/10.30730/2541-8912.2018.2.2.131-137">doi.org/10.30730/2541-8912.2018.2.2.131-137</a>	2018, 2: 131–137
Makovetsky V.I., Dudchenko I.P., Zakupin A.S. Autooscillation model of microseism's sources <a href="https://doi.org/10.30730/2541-8912.2017.1.4.037-046">doi.org/10.30730/2541-8912.2017.1.4.037-046</a>	2017, 4: 37–46
Sychev V.N., Imashev S.A. Estimation of Hurst exponent of seismic signal <a href="https://doi.org/10.30730/2541-8912.2017.1.2.050-061">doi.org/10.30730/2541-8912.2017.1.2.050-061</a>	2017, 2: 50–61
Sychev V.N., Dolgopolov B.K., Imashev S.A. Method of multifractal analysis of seismic noise <a href="https://doi.org/10.30730/2541-8912.2017.1.2.062-068">doi.org/10.30730/2541-8912.2017.1.2.062-068</a>	2017, 2: 62–68
<b>Geoeiology. Ecology. Hydrogeology. Hydrogeochemistry</b>	
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. <a href="https://doi.org/10.30730/gtrz.2024.8.4.367-380">https://doi.org/10.30730/gtrz.2024.8.4.367-380</a> ; <a href="https://www.elibrary.ru/qmtjyf">https://www.elibrary.ru/qmtjyf</a>	2024, 4: 367–380
Poltev Y.N., Koreneva T.G., Maryzhikhin V.E., Syrbu I.V. The content of trace elements in the muscle tissue of some species of aquatic organisms from the Sea of Okhotsk waters of Northeastern Sakhalin <a href="https://doi.org/10.30730/gtrz.2023.7.1.095-102">https://doi.org/10.30730/gtrz.2023.7.1.095-102</a>	2023, 1: 95–102
Nizyaev S.A. Ecological aspects of the interannual dynamics of the distribution of aggregations of the Red King Crab in Aniva Bay (Sakhalin Island) <a href="https://doi.org/10.30730/gtrz.2022.6.4.388-404">https://doi.org/10.30730/gtrz.2022.6.4.388-404</a>	2022, 4: 388–404
Poltev Yu.N., Koreneva T.G., Maryzhikhin V.E. The content of trace elements in some invertebrate species from the Terpeniya Bay, the Sea of Okhotsk <a href="https://doi.org/10.30730/gtrz.2022.6.3.277-282">https://doi.org/10.30730/gtrz.2022.6.3.277-282</a>	2022, 3: 277–282
Poltev Yu.N., Koreneva T.G., Maryzhikhin V.E., Syrbu I.V. The content of trace elements in the Pacific capelin Mallotus catervarius (Pisces: Osmeridae) from the coastal waters of the southwestern part of Sakhalin Island. <a href="https://doi.org/10.30730/gtrz.2022.6.2.136-140">https://doi.org/10.30730/gtrz.2022.6.2.136-140</a>	2022, 2: 136–140
Koreneva T.G., Sigareva L.E. Pigments in the bottom sediments of Aniva Bay (Sea of Okhotsk) <a href="https://doi.org/10.30730/gtrz.2022.6.1.060-073">https://doi.org/10.30730/gtrz.2022.6.1.060-073</a>	2022, 1: 60–73
Nikitenko O.A., Ershov V.V. Hydrogeochemical indicators for the exploration and development of hydrocarbon fields: review, analysis and prospects for use on Sakhalin Island <a href="https://doi.org/10.30730/gtrz.2021.5.4.361-377">https://doi.org/10.30730/gtrz.2021.5.4.361-377</a>	2021, 4: 361–377
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 <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: 389–398
Motylkova I.V. Taxonomic structure and ecology-geographical characteristic of phytoperyphyton in the Lyutoga River (Sakhalin Island) <a href="https://doi.org/10.30730/gtrz.2021.5.4.399-427">https://doi.org/10.30730/gtrz.2021.5.4.399-427</a>	2021, 4: 399–427
Lupakov S.Yu. Estimation of the runoff elasticity of the rivers in the eastern part of the Amur River basin <a href="https://doi.org/10.30730/gtrz.2021.5.2.179-188">https://doi.org/10.30730/gtrz.2021.5.2.179-188</a>	2021, 2: 179–188
Zharkov R.V., Kozlov D.N., Chelnokova B.I. Physical and chemical features of some freshwater lakes in the Elizovo district of the Kamchatka (Russia) <a href="https://doi.org/10.30730/2541-8912.2019.3.4.438-447">doi.org/10.30730/2541-8912.2019.3.4.438-447</a>	2019, 4: 438–447
Zharkov R.V. Physical and chemical properties and prospects for use of sapropelic mud of the Bolshoe Chibisanskoe Lake (Sakhalin Island) <a href="https://doi.org/10.30730/2541-8912.2019.3.3.318-324">doi.org/10.30730/2541-8912.2019.3.3.318-324</a>	2019, 3: 318–324

Nikitenko O.A., Ershov V.V. Physical-chemical properties of natural waters in the area municipal solid waste landfill (Yuzhno-Sakhalinsk) <a href="https://doi.org/10.30730/2541-8912.2019.3.3.325-332">doi.org/10.30730/2541-8912.2019.3.3.325-332</a>	2019, 3: 325–332
Zharkov R.V. Physical and chemical properties of thermal waters of the Lunsky springs (Sakhalin Island) <a href="https://doi.org/10.30730/2541-8912.2019.3.2.249-255">doi.org/10.30730/2541-8912.2019.3.2.249-255</a>	2019, 2: 249–255
<b>Geoecology. Ecology. Biology</b>	
Ezhkin A.K., Romanyuk F.A. Lichens of the eastern slope of Berutarube volcano, Iturup Island (the Kuril Islands, Far East of Russia) <a href="https://doi.org/10.30730/gtrz.2024.8.3.219-227">https://doi.org/10.30730/gtrz.2024.8.3.219-227</a> ; <a href="https://www.elibrary.ru/tziazr">https://www.elibrary.ru/tziazr</a>	2024, 3: 219–227
Ezhkin A.K., Kaganov V.V. Lichen Herbarium of the Institute of Marine Geology and Geophysics of the FEB RAS (SAK): preliminary results of the inventory <a href="https://doi.org/10.30730/gtrz.2024.8.3.228-243">https://doi.org/10.30730/gtrz.2024.8.3.228-243</a> ; <a href="https://www.elibrary.ru/scbnro">https://www.elibrary.ru/scbnro</a>	2024, 3: 228–243
Mokhova L.M. Special aspects of the formation of subfossil pollen assemblages from Keto Island (Central Kuril Islands) <a href="https://doi.org/10.30730/gtrz.2024.8.2.142-152">https://doi.org/10.30730/gtrz.2024.8.2.142-152</a> ; <a href="https://www.elibrary.ru/hbzau">https://www.elibrary.ru/hbzau</a>	2024, 2: 142–152
Maslova M.N. Quantitative analysis of the ecological and economic balance and the structure of land use in the basin of the Tumannaya Rive <a href="https://doi.org/10.30730/gtrz.2023.7.3.316-330">https://doi.org/10.30730/gtrz.2023.7.3.316-330</a>	2023, 3: 316–330
Ezhkin A.K., Galanina I.A., Romanyuk F.A. First data on lichens from Matua Island, Far East of Russia. Families Physciaceae and Caliciaceae [In English] <a href="https://doi.org/10.30730/gtrz.2023.7.2.206-211">https://doi.org/10.30730/gtrz.2023.7.2.206-211</a>	2023, 2: 206–211
Vatserionova E.O., Kopanina A.V., Vlasova I.I. Bark of assimilation shoots of the Beauverd spirea shrub ( <i>Spiraea beauverdiana</i> S.K. Schneid.): structural changes under the conditions of volcanic stress in the South Kuril Islands and the Kamchatka Peninsula <a href="https://doi.org/10.30730/gtrz.2022.6.4.339-359">https://doi.org/10.30730/gtrz.2022.6.4.339-359</a>	2022, 4: 339–359
Talskikh A.I., Kopanina A.V., Vlasova I.I. Features of the structural response of the bark and wood of birch ( <i>Betula platyphylla</i> , Betulaceae) in the landscapes of sea coasts, magmatic and mud volcanoes of Sakhalin and the Kuril Islands <a href="https://doi.org/10.30730/gtrz.2022.6.4.360-379">https://doi.org/10.30730/gtrz.2022.6.4.360-379</a>	2022, 4: 360–379
Ezhkin A.K. Soil lichens in thermal habitats on Southern Kuriles <a href="https://doi.org/10.30730/gtrz.2022.6.4.380-387">https://doi.org/10.30730/gtrz.2022.6.4.380-387</a>	2022, 4: 380–387
Kazmiruk V.D. Mechanisms of plastic microparticles retention by buffer zones with macrophytes <a href="https://doi.org/10.30730/gtrz.2021.5.4.378-388">https://doi.org/10.30730/gtrz.2021.5.4.378-388</a>	2021, 4: 378–388
Kaganov V.V., Kordyukov A.V., Ezhkin A.K. Distribution features of epiphytic lichens on <i>Populus maximowiczii</i> in Yuzhno-Sakhalinsk city and its suburbs <a href="https://doi.org/10.30730/gtrz.2021.5.4.428-438">https://doi.org/10.30730/gtrz.2021.5.4.428-438</a>	2021, 4: 428–438
Zharkov R.V. Thermal waters of the Ebeko volcano (Paramushir Island, Kuril Island) and their recreation and tourism potential <a href="https://doi.org/10.30730/gtrz.2020.4.4.514-525">https://doi.org/10.30730/gtrz.2020.4.4.514-525</a>	2020, 4: 514–525
Muzychenko L.E., Kazakova E.N. Anthropogenic debris flows in Sakhalin <a href="https://doi.org/10.30730/gtrz.2020.4.3.359-368">https://doi.org/10.30730/gtrz.2020.4.3.359-368</a>	2020, 3: 359–368
Zharkov R.V., Kozlov D.N., Ershov V.V., Syrbu N.S., Nikitenko O.A., Ustyugov G.V. Paromay thermal springs of Sakhalin Island: modern state and prospects for use <a href="https://doi.org/10.30730/2541-8912.2019.3.4.428-437">doi.org/10.30730/2541-8912.2019.3.4.428-437</a>	2019, 4: 428–437
Ezhkin A.K. Lichens of wood substrates in areas of solfataric activity on Southern Kuriles <a href="https://doi.org/10.30730/2541-8912.2019.3.2.256-263">https://doi.org/10.30730/2541-8912.2019.3.2.256-263</a>	2019, 2: 256–263
Mishurinskij D.V., Ershov V.V., Zharkov R.V., Kopanina A.V., Kozlov D.N., Lebedeva E.V., Abdullaeva I.V., Vlasova I.I., Mikhalev D.V. Geological-geomorphological and landscape-ecological features of the Pugachev Mud Volcano as a basis for organization and information support of the tourist route (Sakhalin Island) <a href="https://doi.org/10.30730/2541-8912.2018.2.4.398-408">https://doi.org/10.30730/2541-8912.2018.2.4.398-408</a>	2018, 4: 398–408
<b>Mechanics of deformable solids. Geomechanics</b>	
Bornjakov S.A., Dobrynina A.A., Panteleev I.A., Sankov V.A., Salko D.V., Vstovsky G.V., Miroshnichenko A.I., Shagun A.N., Sintsov A.E., Karimova A.A. Tectonophysical model of the tectonic earthquake focus. <a href="https://doi.org/10.30730/gtrz.2024.8.4.313-327">https://doi.org/10.30730/gtrz.2024.8.4.313-327</a> ; <a href="https://www.elibrary.ru/xhqifo">https://www.elibrary.ru/xhqifo</a>	2024, 4: 313–327
Panteleev I.A., Okunev V.I., Novikov V.A. Synchronization of multifractal properties of continuous acoustic emission during the preparation and implementation of dynamic slip in model fault <a href="https://doi.org/10.30730/gtrz.2023.7.4.405-418">https://doi.org/10.30730/gtrz.2023.7.4.405-418</a>	2023, 4: 405–418
Velikanov P.G., Artyukhin Y.P. Research on the dynamics of multi-storey buildings <a href="https://doi.org/10.30730/gtrz.2023.7.3.304-315">https://doi.org/10.30730/gtrz.2023.7.3.304-315</a>	2023, 3: 304–315
Mishchenko M.A., Larionov I.A., Vas'kin V.A. Optical system for recording specimen deflection in bending tests <a href="https://doi.org/10.30730/gtrz.2023.7.2.175-179">https://doi.org/10.30730/gtrz.2023.7.2.175-179</a>	2023, 2: 175–179
Velikanov P.G., Artyukhin Yu.P. Research on the dynamics of frame structures <a href="https://doi.org/10.30730/gtrz.2023.7.2.180-195">https://doi.org/10.30730/gtrz.2023.7.2.180-195</a>	2023, 2: 180–195
Krasnyuk I.B., Zabolotin A.E. Deterministic and stochastic oscillations of fractal type during cooling of the melt <a href="https://doi.org/10.30730/gtrz.2021.5.4.439-447">https://doi.org/10.30730/gtrz.2021.5.4.439-447</a>	2021, 4: 439–447
Mubassarova V.A., Bogomolov L.M., Zakupin A.S., Panteleev I.A. Acoustic emission and strain responses of rocks triggered by electromagnetic action (A review). Part 1 <a href="https://doi.org/10.30730/2541-8912.2019.3.2.155-174">doi.org/10.30730/2541-8912.2019.3.2.155-174</a>	2019, 2: 155–174
Zabolotin A.E., Tomilev D.E. Modeling of the stressed-strained state of a fault zone in injection/pumping of a fluid <a href="https://doi.org/10.30730/2541-8912.2017.1.4.030-036">https://doi.org/10.30730/2541-8912.2017.1.4.030-036</a>	2018, 4: 398–408
Damaskinskaya E.E., Panteleev I.A., Frolov D.I., Vasilenko N.F. Features of the critical stage of fracture process of deformed heterogeneous materials <a href="https://doi.org/10.30730/2541-8912.2018.2.3.245-251">https://doi.org/10.30730/2541-8912.2018.2.3.245-251</a>	2018, 3: 245–251
Kamenev P.A., Usoltseva O.M., Tsoi P.A., Semenov V.N., Sivolap B.B. Laboratory research of geomechanical parameters of sedimentary rocks massifs in the South Sakhalin <a href="https://doi.org/10.30730/2541-8912.2017.1.1.030-036">doi.org/10.30730/2541-8912.2017.1.1.030-036</a>	2017, 1: 30–36

## **Monitoring of geological hazards**

Degterev A.V., Chibisova M.V. Volcanic activity on the Kuril Islands in 2023.  
<https://doi.org/10.30730/gtrz.2024.8.4.381-388>; <https://www.elibrary.ru/envqaf>

2014, 4: 381–388

Sakhalin Volcanic Eruption Response Team (SVERT): 20 years of monitoring of volcanic activity on the Kuril Islands. Chibisova M.V., Degterev A.V., Rybin A.V., Romanyuk F.A.  
<https://doi.org/10.30730/gtrz.2023.7.4.448-453>

2023, 4: 448–453

Obzhirov A.I. Gasgeochemical precursors of seismic activity, earthquakes, volcanic episodes on the Kamchatka and Sea of Okhotsk (to use information of the Kamchatka scientific conferences 2017)  
doi.org/10.30730/2541-8912.2018.2.1.057-068

2018, 1: 57–68

## **Current Events**

Complex volcanological studies in the Kuril Islands under the leadership of Aleksander V. Rybin. A.V. Degterev, M.V. Chibisova. <https://doi.org/10.30730/gtrz.2024.8.3.244-254>; <https://www.elibrary.ru/rwwzh>  
Oleg Vasil'evich Veselov [85 years]

2024, 3: 244–254

Scientific cooperation between the Vietnam Academy of Science and Technology (VAST) and POI FEB RAS. Shakirov R.B., Syrbu N.S., Valitov M.G. et al. <https://doi.org/10.30730/gtrz.2023.7.4.439-447>

2024, 3: 255–256

Science vs. natural disasters: monitoring, prediction, warning of the consequences. Zakupin A.S., comp.

2023, 4: 439–447

2017, 2: 69–71

## **CONFERENCE, EXPEDITIONS**

V Russian scientific conference with foreign participants “Geodynamical Processes and Natural Hazards” (Yuzhno-Sakhalinsk, 2024)

2024, 2: 153–156

Third National scientific and practical conference with international participation: «Oil and gas complex: problems and solutions»

2021, 1: 72

III Russian scientific conference with foreign participants “Geodynamical Processes and Natural Hazards” (Yuzhno-Sakhalinsk, 2019)

2019, 3: 333–341

## **From the Editorial Board**

60 years – Doctor of Physical and Mathematical Sciences Leonid M. Bogomolov

2018, 1: 69–74

To the 80-th anniversary of Corresponding Member of RAS B.W. Levin. Nizyaeva G.F., comp.

2017, 3: 71–89

In memory of Boris Vul'fovich Levin

2022, 4: I–IV