

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

Author(s). Title	Year, Issue: Pages
Geophysics, Seismology, prediction methods	
Safonov D.A., Semenova E.P. Seismicity of the south of the Russian Far East in 2023 https://doi.org/10.30730/gtr.2024.8.2.077-090 ; https://www.elibrary.ru/vlppqc	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 http://journal.imgg.ru/web/full/f-e2024-2-2.pdf ; https://doi.org/10.30730/gtr.2024.8.2.091-103	2024, 2: 91–103
Sycheva N.A. Study of seismotectonic deformations of the Earth's crust in the Altai-Sayan Mountain region. Part II https://doi.org/10.30730/gtr.2023.7.4.335-356	2023, 4: 335–356
Sycheva N.A. Study of seismotectonic deformations of the Earth's crust in the Altai-Sayan mountain region. Part I https://doi.org/10.30730/gtr.2023.7.3.223-242	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 https://doi.org/10.30730/gtr.2023.7.2.115-131	2023, 2: 115–131
Safonov D.A., Semenova E.P. Seismicity of the South Far East of Russia in 2022 https://doi.org/10.30730/gtr.2023.7.2.132-148	2023, 2: 132–148
Ustyugov G.V., Ershov V.V. Influence of cosmic factors on mud volcanic activity of the Earth https://doi.org/10.30730/gtr.2023.7.1.005-024	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 https://doi.org/10.30730/gtr.2023.7.1.025-036.037-053	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) https://doi.org/10.30730/gtr.2023.7.1.054-064.064-074	2023, 1: 54–74
Vasilenko N.F., Prytkov A.S., Frolov D.I. Geodynamic GNSS observations on the Kuril Islands (In Russ. & Engl.) https://doi.org/10.30730/gtr.2022.6.4.287-294.295-302	2022, 4: 287–302
Bogomolov L.M., Sycheva N.A. Earthquake predictions in XXI century: prehistory and concepts, precursors and problems. https://doi.org/10.30730/gtr.2022.6.3.145-164.164-182	2022, 3: 145–182
Safonov D.A., Semenova E.P. Seismicity of the South Far East of Russia in 2021. https://doi.org/10.30730/gtr.2022.6.2.085-099	2022, 2: 85–99
Safonov D.A., Fokina T.A. Seismicity of the South Far East of Russia in 2020 https://doi.org/10.30730/gtr.2021.5.4.308-319	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 https://doi.org/10.30730/gtr.2021.5.4.320-327	2021, 4: 320–327
Rebetsky Yu.L. Concerning the theory of LURR based deterministic earthquake prediction https://doi.org/10.30730/gtr.2021.5.3.192-208.208-222	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 https://doi.org/10.30730/gtr.2021.5.3.223-228	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 https://doi.org/10.30730/gtr.2021.5.2.084-098.099-112	2021, 2: 84–112
Prytkov A.S., Vasilenko N.F. The March 25, 2020 M_w 7.5 Paramushir earthquake https://doi.org/10.30730/gtr.2021.5.2.113-120.121-127	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” https://doi.org/10.30730/gtr.2021.5.2.128-132.133-137	2021, 2: 128–137
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 https://doi.org/10.30730/gtr.2021.5.2.138-145.145-152	2021, 2: 138–152
Zakupin A.S., Boginskaya N.V. Mid-term earthquake prediction using the LURR method on Sakhalin Island: A summary of retrospective studies for 1997–2019 and new approaches https://doi.org/10.30730/gtr.2021.5.1.027-045	2021, 1: 27–45
Dudchenko I.P., Kostylev D.V., Gulyakov S.A., Stovbun N.S. A geophysical pulse voltage generator for seismic and electric exploration of the subsurface https://doi.org/10.30730/gtr.2021.5.1.046-054	2021, 1: 46–54
Rebetsky Yu.L. On some aspects of the article «On the stress drop in North Eurasia earthquakes source-sites versus specific seismic energy». https://doi.org/10.30730/gtr.2021.5.1.055-059	2021, 1: 55–59
Leksin V.K. Application of high resolution seismic to search for local gas anomalies in the South Kirinskoye oil and gas condensate field https://doi.org/10.30730/gtr.2020.4.4.384-392	2020, 4: 384–392
Sycheva N.A., Bogomolov L.M. On the stress drop in North Eurasia earthquakes source-sites versus specific seismic energy https://doi.org/10.30730/gtr.2020.4.4.393-416.417-446	2020, 4: 393–446
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 https://doi.org/10.30730/gtr.2020.4.4.447-460.461-473	2020, 4: 447–473
Semenova E.P., Boginskaya N.V., Kostylev D.V. Ulegorsk earthquake on September 13, 2020 (Sakhalin Island): preconditions for the occurrence and the results of observations in the epicentral zone	2020, 4: 474–485

https://doi.org/10.30730/gtr.2020.4.4.474-485	
<i>Kostylev D.V., Boginskaya N.V.</i> Seismoacoustic observations using molecular-electronic hydrophones on Sakhalin and the South Kuril Islands (Kunashir Island) https://doi.org/10.30730/gtr.2020.4.4.486-499	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 https://doi.org/10.30730/gtr.2020.4.3.270-278.279-287	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 https://doi.org/10.30730/gtr.2020.4.3.288-296	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 https://doi.org/10.30730/gtr.2020.4.3.297-304	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 https://doi.org/10.30730/gtr.2020.4.2.146-159	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 https://doi.org/10.30730/gtr.2020.4.2.160-168.169-177	2020, 2: 160–177
<i>Sycheva N.A.</i> Seismic moment tensor and dynamic parameters of earthquakes in the Central Tien Shan https://doi.org/10.30730/gtr.2020.4.2.178-191.192-209	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 doi.org/10.30730/2541-8912.2019.3.4.364-376	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 doi.org/10.30730/2541-8912.2019.3.4.377-389	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 doi.org/10.30730/2541-8912.2019.3.4.390-402	2019, 4: 390–402
Request for discussion или Invitation to the discussion. <i>Bogomolov L.M.</i> doi.org/10.30730/2541-8912.2019.3.1.003-004	2019, 1: 3–4
<i>Parovyshny V.A., Sohattyuk Yu.V., Parovyshny D.V., Veselov O.V., Kochergin E.V.</i> Approach to solve specific problems of operative predictions of seismic events doi.org/10.30730/2541-8912.2019.3.1.005-018	2019, 1: 5–18
<i>Sverdluk L.G., Imashev S.A.</i> On preseismic anomalies of atmosphere temperature doi.org/10.30730/2541-8912.2019.3.1.019-026	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? doi.org/10.30730/2541-8912.2019.3.1.027-034	2019, 1: 27–34
<i>Sychev V.N., Sycheva N.A., Imashev S.A.</i> Study of aftershock sequence of Susamyr earthquake doi.org/10.30730/2541-8912.2019.3.1.035-043	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 doi.org/10.30730/2541-8912.2019.3.1.044-053	2019, 1: 44–53
<i>Kostina A.A., Zhelnin M.S., Plekhov O.A., Pantelev I.A.</i> Investigation on effectiveness of analytical models to describe steam chamber growth during steam-assisted gravity drainage doi.org/10.30730/2541-8912.2019.3.1.054-064	2019, 1: 54–64
<i>Polets A.Yu.</i> The stress-strained state of zones of deep-focus earthquakes of the Japan Sea region doi.org/10.30730/2541-8912.2018.2.4.302-311	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) doi.org/10.30730/2541-8912.2018.2.4.312-322	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) doi.org/10.30730/2541-8912.2018.2.4.323-331	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 doi.org/10.30730/2541-8912.2018.2.3.141-153	2018, 3: 141–153
<i>Prytkov A.S., Safonov D.A., Zakupin A.S.</i> Onor earthquake of August 14, 2016, $M_w = 5.8$ (Sakhalin Island) doi.org/10.30730/2541-8912.2018.2.3.154-164	2018, 3: 154–164
<i>Muhamedeeva 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 doi.org/10.30730/2541-8912.2018.2.3.165-180	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 doi.org/10.30730/2541-8912.2018.2.3.181-190	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 doi.org/10.30730/2541-8912.2018.2.3.191-195	2018, 3: 191–195
<i>Safonov D.A.</i> Seismic activity of the Amur region and Primorye doi.org/10.30730/2541-8912.2018.2.2.104-115	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 doi.org/10.30730/2541-8912.2018.2.1.003-015	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 doi.org/10.30730/2541-8912.2018.2.1.016-032	2018, 1: 16–32
<i>Shatakhtsyan A.R.</i> Formal clustering method application to data on large and super-large ore deposits doi.org/10.30730/2541-8912.2018.2.1.033-041	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) doi.org/10.30730/2541-8912.2018.2.1.052-056	2018, 1: 52–56
<i>Saprygin S.M.</i> Faults and waveguides in the Sakhalin depths doi.org/10.30730/2541-8912.2017.1.4.047-052	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 doi.org/10.30730/2541-8912.2017.1.3.040-049	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 doi.org/10.30730/2541-8912.2017.1.3.050-056	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 doi.org/10.30730/2541-8912.2017.1.3.057-063	2017, 3: 57–63
<i>Borisov A.S., Borisov S.A.</i> Estimation of parameters of hydroacoustic signals of high frequency geoaoustic emission within Central Sakhalin Fault area doi.org/10.30730/2541-8912.2017.1.3.064-070	2017, 3: 64–70
General and regional geology. Geotectonics and geodynamics. Volcanology. Petrology. Hydrogeology	
<i>Verkhoturov A.A.</i> Stratigraphic control of large detrital rocks of the Yuzhno-Sakhalinsk Mud Volcano https://doi.org/10.30730/gtr.2024.8.2.104-113 ; https://www.elibrary.ru/jilpzq	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 https://doi.org/10.30730/gtr.2023.8.1.037-046 ; http://journal.imgg.ru/web/full/f-e2024-1-3.pdf	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., Khubaeva O.R.</i> "Iturup 2022–2023" expedition: main directions of work and preliminary results https://doi.org/10.30730/gtr.2024.8.1.047-055 ; https://www.elibrary.ru/abwmmow	2024, 1: 47–55
<i>Romanyuk F.A.</i> Volcanological and geocological studies on Iturup Island (Kuril Islands) in 2023 https://doi.org/10.30730/gtr.2024.8.1.056-063 ; https://www.elibrary.ru/wtvlslj	2024, 1: 56–63
<i>Kamenev P.A., Lukmanov A.R.</i> Patterns of fracturing placement in terrigenous rocks of Sakhalin Island https://doi.org/10.30730/gtr.2023.7.4.419-426	2023, 4: 419–426
<i>Degterev A.V., Chibisova M.V.</i> Volcanic activity on the Kuril Islands in 2022 https://doi.org/10.30730/gtr.2023.7.4.427-438	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) https://doi.org/10.30730/gtr.2023.7.3.243-263	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.: http://journal.imgg.ru/web/full/f-e2023-3-3.pdf) https://doi.org/10.30730/gtr.2023.7.3.264-275	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) https://doi.org/10.30730/gtr.2023.7.2.212-218	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) https://doi.org/10.30730/gtr.2022.6.4.328-338	2022, 4: 328–338
<i>Degterev A.V., Chibisova M.V.</i> Volcanic activity of the Kuril Islands in 2020–2021 https://doi.org/10.30730/gtr.2022.6.3.195-205	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 Duginsky field (before the reconstruction of the springs in 2019–2020) https://doi.org/10.30730/gtr.2022.6.3.183-194	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. https://doi.org/10.30730/gtr.2022.6.2.130-135	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 https://doi.org/10.30730/gtr.2022.6.1.013-018.018-023	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 https://doi.org/10.30730/gtr.2022.6.1.005-012	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) https://doi.org/10.30730/gtr.2021.5.4.354-360	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 https://doi.org/10.30730/gtr.2021.5.3.275-286	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) https://doi.org/10.30730/gtr.2021.5.3.255-274	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 https://doi.org/10.30730/gtr.2021.5.2.153-166	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) https://doi.org/10.30730/gtr.2021.5.2.167-171	2021, 2: 167–171
<i>Bondarenko V.I., Rashidov V.A.</i> Underwater gas-hydrothermal activity within the Kuril island arc https://doi.org/10.30730/gtr.2021.5.1.004-013	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) https://doi.org/10.30730/gtr.2021.5.1.014-026	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) https://doi.org/10.30730/gtr.2020.4.4.372-383	2020, 4: 372–383
<i>Degterev A.V., Chibisova M.V.</i> Activation of the Ebeko volcano in May–July, 2020 (Paramushir Island,	2020, 4: 500–505

Northern Kuril Islands) https://doi.org/10.30730/gtr.2020.4.4.500-505	
<i>Nikitenko O.A., Ershov V.V.</i> Hydrogeochemical characteristics of mud volcanism manifestations on Sakhalin Island https://doi.org/10.30730/gtr.2020.4.3.321-335.336-350	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) https://doi.org/10.30730/gtr.2020.4.3.351-358	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 https://doi.org/10.30730/2541-8912.2020.4.1.103-115	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 https://doi.org/10.30730/2541-8912.2020.4.1.116-130	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 Raikoke volcano (Kuril Islands) June 21–22, 2019 https://doi.org/10.30730/2541-8912.2020.4.1.071-081.082-092	2020, 1: 71–92
<i>Degterev A.V., Chibisova M.V.</i> The volcanic activity at the Kuril Islands in 2019 https://doi.org/10.30730/2541-8912.2020.4.1.093-102	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 doi.org/10.30730/2541-8912.2019.3.4.345-363	2019, 4: 345–363
<i>Bulgakov R.F., Senachin V.N.</i> Marine terraces and hydroisostasy influence on the vertical movements of the Sakhalin doi.org/10.30730/2541-8912.2019.3.3.277-286	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 doi.org/10.30730/2541-8912.2019.3.3.267-276	2019, 3: 267–276
<i>Kamenev P.A., Zabolotin A.E., Degtyarev V.A., Zherdeva O.A.</i> Geomechanical model of South Sakhalin active fault doi.org/10.30730/2541-8912.2019.3.3.287-295	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) doi.org/10.30730/2541-8912.2019.3.3.304-309	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 doi.org/10.30730/2541-8912.2019.3.2.175-188	2019, 2: 175–188
<i>Polets A.Yu.</i> Modern tectonic stress field of the Sakhalin-Japanese earthquake belt doi.org/10.30730/2541-8912.2019.3.2.189-200	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 doi.org/10.30730/2541-8912.2019.3.1.144-148	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 doi.org/10.30730/2541-8912.2018.2.4.269-279	2018, 4: 269–279
<i>Sim L.A., Gordeev N.A., Marinin A.V.</i> Modern geodynamics of the eastern boundary of Siberian Platform doi.org/10.30730/2541-8912.2018.2.4.280-289	2018, 4: 280–289
<i>Kuzikov S.I.</i> Deformation of fault zones according to linear-angle measurements at the Bishkek geodynamic test site doi.org/10.30730/2541-8912.2018.2.4.290-301	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 doi.org/10.30730/2541-8912.2018.2.4.346-358	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) doi.org/10.30730/2541-8912.2018.2.4.359-364	2018, 4: 359–364
<i>Smirnov S.Z., Maksimovich I.A., Kotov 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) doi.org/10.30730/2541-8912.2018.2.4.365-376	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) doi.org/10.30730/2541-8912.2018.2.4.377-385	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) doi.org/10.30730/2541-8912.2018.2.4.386-391	2018, 4: 386–391
<i>Bulgakov R.Ph.</i> Application of thermoluminescence dating for pyroclastic deposits on the Kuril Islands doi.org/10.30730/2541-8912.2018.2.4.392-397	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 doi.org/10.30730/2541-8912.2018.2.2.196-224	2018, 3: 196–224
<i>Grannik V.M.</i> Chekhov's Late Cenozoic volcanism of the eastern coast of Southern Sakhalin (Makarovsky district) doi.org/10.30730/2541-8912.2018.2.3.252-258	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 doi.org/10.30730/2541-8912.2018.2.3.259-266	2018, 3: 259–266
<i>Grannik V.M.</i> Late Cenozoic igneous rocks of the Krilion Peninsular (Sakhalin Island) doi.org/10.30730/2541-8912.2017.1.4.003-020	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 doi.org/10.30730/2541-8912.2017.1.4.021-029	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 doi.org/10.30730/2541-8912.2017.1.3.003-020	2017, 3: 3–20

Sycheva N.A., Sychev I.V. Investigation of Q-factor of the North Tien Shan ground (Bishkek Geodynamic Test Site) on the basis of a code waves of local earthquakes doi.org/10.30730/2541-8912.2017.1.3.021-039	2017, 3: 21–39
Sim L.A., Bryantseva G.V., Savvichev P.A., Kamenev P.A. Patterns of transition zone between Eurasian and North American plates (by example of stressed state of the Sakhalin Island) doi.org/10.30730/2541-8912.2017.1.1.003-022	2017, 1: 3–22
Lomtev V.L., Patrickeyev V.N. Seismic signatures indicators of North Sakhalin active faults doi.org/10.30730/2541-8912.2017.1.1.037-048	2017, 1: 37–48
Saprygin S.M., Soloviev V.N. Pacific plate subduction in 1978–1981 doi.org/10.30730/2541-8912.2017.1.1.049-057	2017, 1: 49–57
Geomorphology and Palaeogeography	
Mukhametshina E.O. Subfossil spore-pollen spectra of mountainous areas: the case of the Kamchatka Peninsula https://doi.org/10.30730/gtr.2024.8.2.127-141 ; https://www.elibrary.ru/evlhaw	2024, 2: 127–141
Mokhova L.M. Special aspects of the formation of subfossil pollen assemblages from Ketoi Island (Central Kuril Islands) https://doi.org/10.30730/gtr.2024.8.2.142-152 ; https://www.elibrary.ru/hbzaau	2024, 2: 142–152
Chakov V.V., Klimin M.A., Kuptsova V.A., Zakharchenko E.N., Razjigaeva N.G., Mokhova L.M., Ganzey L.A., Grebennikova T.A. Genesis and evolution of peat deposits on island territories of the southwestern Okhotsk Sea Region in the Holocene https://doi.org/10.30730/gtr.2024.8.1.013-036 ; https://www.elibrary.ru/cqjuf	2024, 1: 13–36
Razjigaeva N.G., Ganzey L.A., Grebennikova T.A., Mokhova L.M., Arslanov Kh.A. Lacustrine paleoarchives of environmental changes of Peschany Peninsula, Sea of Japan (South Primorye) https://doi.org/10.30730/gtr.2023.7.4.375-404	2023, 4: 375–404
Romanyuk F.A., Kozlov D.N., Zharkov R.V. First results of field work in 2021 on the group of Novikovskiy Karyernye lakes (Sakhalin Island): morphology and morphometric parameters of basins https://doi.org/10.30730/gtr.2022.6.3.237-245	2022, 3: 237–245
Mikishin Yu.A., Gorbunov A.O., Gvozdeva I.G., Cherepanova M.V. Palaeoclimates, vegetation and geochronology of landscape-climatic evolution on the coast of the southwestern margin of Sakhalin in the Middle–Late Holocene https://doi.org/10.30730/gtr.2022.6.3.218-236	2022, 3: 218–236
Lyashchevskaya M.S., Ganzey L.A. Dynamics of vegetation of the southern Primorye during the climatic rhythm of the Little Ice Age https://doi.org/10.30730/gtr.2022.6.3.206-217	2022, 3: 206–217
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/gtr.2022.6.2.100-113	2022, 2: 100–113
Mokhova L.M., Kudryavtseva E.P. Subfossil pollen spectra as evidence of the altitudinal zonation of the Southern Sikhote-Alin https://doi.org/10.30730/gtr.2022.6.1.043-053	2022, 1: 43–53
Kornyushenko T.V., Razjigaeva N.G., Ganzey L.A., Grebennikova T.A., Kudryavtseva E.P., Piskareva Y.E., Prokopets S.D. Evidence of geosystems transformation during Medieval development of South Primorye: Steklyanukha-2 fortress https://doi.org/10.30730/gtr.2022.6.1.024-042	2022, 1: 24–42
Kozlov D.N. The largest lakes of the Kuril Islands: morphometry and geographical distribution (materials for the database) https://doi.org/10.30730/gtr.2020.4.4.506-513	2020, 4: 506–513
Razjigaeva N.G., Ganzey L.A., Grebennikova T.A., Kopoteva T.A., Klimin M.A., Lyashevskaya M.S., Panichev A.M., Arslanov Kh.A., Maksimov F.E., Petrov A.Yu. Development of Solontsovskie Lakes as indicator of humidity within Central Sikhote-Alin in the Late Holocene https://doi.org/10.30730/gtr.2021.5.3.287-304	2020, 3: 287–304
Razjigaeva N.G., Ganzey L.A., Makarova T.R., Kornyushenko T.V., Kudryavtseva E.P., Ganzei K.S., Sudin V.V., Kharlamov A.A. Paleolake of Shkot Island: natural archive of climatic and landscape changes https://doi.org/10.30730/gtr.2020.4.2.230-249	2020, 2: 230–249
Bulgakov R.F., Afanas'ev V.V., Ignatov E.I. Effect of hydroisostasy on postglacial transgression on the shelf and coast of Primorye as revealed by computer modelling https://doi.org/10.30730/gtr.2020.4.2.210-219.220-229	2020, 2: 210–229
Afanas'yev V.V. A new type of aeolian morphogenesis on volcanic shores (Iturup Island, Great Kuril Ridge) doi.org/10.30730/2541-8912.2019.3.4.423-427	2019, 4: 423–427
Afanas'yev V.V., Uba A.V., Levitsky A.I. Migration of the straits and pelagic sedimentation in the lagoons doi.org/10.30730/2541-8912.2019.3.3.310-317	2019, 3: 310–317
Razhigaeva N.G., Ganzey L.A., Grebennikova T.A., Kaistrenko V.M., Kharlamov A.A., Arslanov Kh.A., Maksimov F.E. Application of paleodata for evaluation of the tsunami hazard of the Malokuril'skaya bay coast (Shikotan Island) doi.org/10.30730/2541-8912.2019.3.2.219-236	2019, 2: 219–236
Dunaev N.N., Repkina T.Yu., Baranskaya A.V., Afanasiev V.V. Modern dynamics of an accumulative coast composed by pyroclastics of an underwater volcanic eruption doi.org/10.30730/2541-8912.2019.3.2.237-244	2019, 2: 237–244
Kozlov D.N., Koroteev I.G. Modern data on morphology of the flooded caldera Lvinaya Past (Iturup Island, Southern Kuriles) doi.org/10.30730/2541-8912.2019.3.2.245-248	2019, 2: 245–248
Afanasiev V.V., Leont'yev I.O., Uba A.V. 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 doi.org/10.30730/2541-8912.2019.3.1.137-143	2019, 1: 137–143
Afanasiev V.V., Ignatov E.I. Geomorphological aspects of coast protection in high latitudes doi.org/10.30730/2541-8912.2018.2.2.116-124	2018, 2: 116–124
Afanasiev V.V., Uba A.V., Gorbunov A.O., Zarochintsev V.S., Levitsky A.I. Morphodynamics of the stable system of megafestons (sand waves) of Terpeniya Bay (Sakhalin Island) doi.org/10.30730/2541-8912.2018.2.1.042-051	2018, 1: 42–51

Afanasiev V.V., Romanov A.O., Uba A.V. Dynamics of the shores during cold period doi.org/10.30730/2541-8912.2017.1.1.023-029	2017, 1: 23–29
Oceanology	
Shumilov I.V., Minervin I.G., Pishchalnik V.M., Romanyuk V.A. Experimental model of intraseasonal variation of ice cover area in the Sea of Okhotsk https://doi.org/10.30730/gtr.2024.8.2.114-126 ; https://www.elibrary.ru/vjivyc	2024, 2: 114–126
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/gtr.2024.8.1.005-012 ; https://www.elibrary.ru/wgcapo	2024, 1: 5–12
Razjigaeva N.G., Ganzey L.A., Grebennikova T.A., Kharlamov A.A., Loskutov A.V., Bulgakov R.F. Geological evidence of strong tsunami manifestations on the Iturup Island (Kuril Islands) at last 3500 years https://doi.org/10.30730/gtr.2023.7.4.357-374	2023, 4: 357–374
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/gtr.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/gtr.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/gtr.2023.7.3.292-303	2023, 3: 292–303
Kaistrenko V.M. The problem of estimating the accuracy of the tsunami activity parameters. (In Russ. & Engl.) https://doi.org/10.30730/gtr.2023.7.2.149-159	2023, 2: 148–159
Kovalev D.P., Kovalev P.D., Zarochintsev V.S., Kirillov K.V. Long waves on the shelf of the southwest coast of Sakhalin Island https://doi.org/10.30730/gtr.2023.7.2.160-174	2023, 2: 160–174
Shevchenko G.V., Tsoy A.T. Spatial structure of the tides near the southwestern coast of Kamchatka according to coastal observations and satellite altimetry data https://doi.org/10.30730/gtr.2022.6.3.246-255	2022, 3: 246–255
Kovalev D.P., Kovalev P.D., Borisov A.S., Zarochintsev V.S., Kirillov K.V. Features of seiche excitation in the water area near Poronaisk (Sakhalin Island). https://doi.org/10.30730/gtr.2022.6.2.114-123	2022, 2: 114–123
Borisov A.S. Sea wave characteristics in the port of Kholmsk (Sakhalin Island) https://doi.org/10.30730/gtr.2022.6.1.054-059	2022, 1: 54–59
Kovalev D.P., Kovalev P.D., Borisov A.S., Kirillov K.V. Wave characteristics in the southern part of the Sea of Okhotsk – the area of water transport routes to the southern Kuril Island https://doi.org/10.30730/gtr.2021.5.4.328-338	2021, 4: 328–338
Shakirov R.B., Venikova A.L., Sokolova N.L., Obzhirov A.I., Veselov O.V., Maltseva E.V., Kuziv F.V., Leksin V.K. Peculiarities of anomalous gas-geochemical fields in the East Deryugin graben of the Sea of Okhotsk https://doi.org/10.30730/gtr.2021.5.3.229-239	2021, 3: 229–239
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 https://doi.org/10.30730/gtr.2021.5.3.240-247.247-254	2021, 3: 240–254
Shevchenko G.V., Chastikov V.N. On the unusual distribution of modified Amur River water in the Aniva Bay (Sakhalin) in November 2001 https://doi.org/10.30730/gtr.2021.5.2.172-178	2021, 1: 172–178
Korablev O.A. On a new predictor affecting ice formation in the Sea of Okhotsk https://doi.org/10.30730/gtr.2021.5.1.060-066	2021, 1: 60–66
Bulgakov R.F., Afanas'ev V.V. Effects of hydroisostatic compensation depending on the shelf width on the example of the Laptev and East Siberian seas https://doi.org/10.30730/gtr.2020.4.3.305-312.313-320	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 https://doi.org/10.30730/gtr.2020.4.2.250-258	2020, 2: 250–258
Korolev Yu.P., Korolev P.Yu. Simulation of the process of short-term forecasting of the 25.03.2020 Onokotan tsunami https://doi.org/10.30730/gtr.2020.4.2.259-265	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) https://doi.org/10.30730/2541-8912.2020.4.1.004-025	2020, 1: 4–25
Korolev Yu.P., Korolev P.Yu. Are tsunamis long or dispersive waves? https://doi.org/10.30730/2541-8912.2020.4.1.026-034	2020, 1: 26–34
Shevchenko G.V., Chastikov V.N., Tsoy A.T. Eddies off the southeast coast of Sakhalin Island https://doi.org/10.30730/2541-8912.2020.4.1.035-045	2020, 1: 35–45
Razjigaeva N.G., Grebennikova T.A., Ganzey 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 https://doi.org/10.30730/2541-8912.2020.4.1.046-070	2020, 1: 46–70
Kaistrenko V.M. Peculiarity of using the paleotsunami data for the tsunami hazard estimation doi.org/10.30730/2541-8912.2019.3.4.403-416	2019, 4: 403–416
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 English) doi.org/10.30730/2541-8912.2019.3.4.417-422	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 doi.org/10.30730/2541-8912.2019.3.3.296-303	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 doi.org/10.30730/2541-8912.2019.3.2.201-208	2019, 2: 201–208

<i>Gorbunov A.O., Kovalev D.P., Kovalev P.D.</i> The sediment transported by the flow in the eroding area of the Mordvinov Gulf coast (Sakhalin Island) doi.org/10.30730/2541-8912.2019.3.2.209-218	2019, 2: 209–218
<i>Shakirov R.B., Obzhiriov A.I., Shakirova M.V., Maltseva E.V.</i> On gas hydrates of East Asian marginal seas: patterns of genesis and distribution (review) doi.org/10.30730/2541-8912.2019.3.1.065-106	2019, 1: 65–106
<i>Shakirov R.B., Mishukova O.V.</i> The spatial distribution of the methane fluxes on the water–atmosphere boundary in the Sea of Okhotsk doi.org/10.30730/2541-8912.2019.3.1.107-123	2019, 1: 107–123
<i>Shevchenko G.V., Khuzeeva M.O., Yachmenev V.E., Shishkin A.A.</i> Storm waves in the South Kuril Island by visual and instrumental data doi.org/10.30730/2541-8912.2019.3.1.124-136	2019, 1: 124–136
<i>Kovalev P.D., Kovalev D.P., Kirillov K.V.</i> The precursors of a storm doi.org/10.30730/2541-8912.2018.2.4.332-338	2018, 4: 332–338
<i>Kirillov K.V.</i> The investigation of wave field using autonomous wave registrator ARV-K14 in the coastal area doi.org/10.30730/2541-8912.2018.2.4.339-345	2018, 4: 339–345
<i>Shevchenko G.V., Loskutov A.V., Kaystrenko V.M.</i> A new map of tsunami hazard for the South Kuril Islands doi.org/10.30730/2541-8912.2018.2.3.225-238	2018, 3: 225–238
<i>Kovalev P.D., Kovalev D.P.</i> Measuring the thickness of the sea ice with the use of storms waves doi.org/10.30730/2541-8912.2018.2.3.239-244	2018, 3: 239–244
<i>Shevchenko G.V., Chastikov V.N., Kirillov K.V., Kusaylo O.V.</i> Peculiarities of hydrophysical processes in the vicinity of cape Svobodniy (southeastern coast of Sakhalin Island) from the data of instrumental measurements doi.org/10.30730/2541-8912.2018.2.2.081-091	2018, 2: 81–91
<i>Obzhiriov A.I., Baranov B.V., Shakirov R.B., Prokudin V.G., Mal'tseva E.V.</i> Landslide processes on the South-West slope of the Kuril basin of Okhotsk Sea doi.org/10.30730/2541-8912.2018.2.2.092-098	2018, 2: 92–98
<i>Kovalev D.P., Kovalev P.D.</i> Nonlinear transformation of wind waves and swell under ice doi.org/10.30730/2541-8912.2018.2.2.099-103	2018, 2: 99–103
<i>Korolev Yu.P.</i> The short-term tsunami forecast in the Pacific Ocean doi.org/10.30730/2541-8912.2017.1.2.003-017	2017, 2: 3–17
<i>Kovalev D.P., Kovalev P.D., Kirillov K.V.</i> The investigation of dangerous marine phenomena in the coastal zone based on the field observations results doi.org/10.30730/2541-8912.2017.1.2.018-034	2017, 2: 18–34
<i>Shevchenko G.V., Loskutov A.V.</i> Features of tsunamis in the ports of the Sakhalin Region inferred from the data of instrumental measurements and numerical modeling doi.org/10.30730/2541-8912.2017.1.2.035-049	2017, 2: 35–49
Geoinformatics and cartography (Geophysics, Geoecology, Geology)	
<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.: http://journal.imgg.ru/web/full/f-e2023-3-4.pdf) https://doi.org/10.30730/gtr.2023.7.3.276-291	2023, 3: 276–291
<i>Voronina T.A., Voronin V.V.</i> Data selection method for restoring a tsunami source form (in Engl.) https://doi.org/10.30730/gtr.2023.7.3.292-303	2023, 3: 292–303
<i>Maslova M.N.</i> Quantitative analysis of the ecological and economic balance and the structure of land use in the basin of the Tumannaya Rive https://doi.org/10.30730/gtr.2023.7.3.316-330	2023, 3: 316–330
<i>Muzychenko T.K.</i> Ecological and economic balance evaluation of Peter the Great Gulf basin (Sea of Japan) https://doi.org/10.30730/gtr.2023.7.2.196-205	2023, 2: 196–205
<i>Mingaleva T.A., Shakuro S.V., Senchina N.P., Egorov A.S.</i> Application of RGB-synthesis for complex interpretation of geophysical data in the study of areas contaminated by oil products https://doi.org/10.30730/gtr.2023.7.1.075-085	2023, 1: 75–85
<i>Rusinovich V.V., Rusinovich L.E.</i> Fault surface tracing automation using computer vision algorithms https://doi.org/10.30730/gtr.2023.7.1.086-094	2023, 1: 86–94
<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.) https://doi.org/10.30730/gtr.2022.6.4.303-315.316-327	2022, 4: 303–327
<i>Shvidskaya K.A., Kopanina A.V.</i> Large-scale mapping of the vegetation of the Yuzhno-Sakhalinsk mud volcano and the adjacent landscape (Sakhalin Island) using satellite data https://doi.org/10.30730/gtr.2022.6.3.256-276	2022, 3: 256–276
<i>Bulgakov R.F.</i> Vertical motion modeling as a result of mantle convection on the Sea of Okhotsk profile. https://doi.org/10.30730/gtr.2022.6.2.124-129	2022, 2: 124–129
<i>Bulgakov R.F.</i> 3D modeling of the hydroisostasy effect with a configuration of Moho surface of the Sea of Okhotsk close to real https://doi.org/10.30730/gtr.2021.5.4.339-345	2021, 4: 339–345
<i>Elokhina S.N., Myznikova T.S., Khudyakov A.A.</i> State of the information and analytic database of exogenous geological processes on the territory of the Ural Federal District https://doi.org/10.30730/gtr.2021.5.4.346-353	2021, 4: 346–353
<i>Nikonov V.S.</i> An algorithm for processing ice areas by Earth remote sensing data (by the example of MASIE-NH data) https://doi.org/10.30730/gtr.2021.5.1.067-071	2021, 1: 67–71
<i>Senkevich Yu.I., Lukovenkova O.O., Solodchuk A.A.</i> Method to form a geophysical signals catalog based on geoacoustic emission signals doi.org/10.30730/2541-8912.2018.2.4.409-418	2018, 4: 409–418
<i>Cheshev M.E., Sychev V.N., Imashev S.A.</i> Algorithm of optimal choice of time series ranges for fractal analysis doi.org/10.30730/2541-8912.2018.2.2.125-130	2018, 2: 125–130
<i>Senachin V.N., Senachin M.V.</i> Computation of planetary and regional gravitational models of core and mantles of the Earth with account of its spherical form doi.org/10.30730/2541-8912.2018.2.2.131-137	2018, 2: 131–137
<i>Makovetsky V.I., Dudchenko I.P., Zakupin A.S.</i> Autooscillation model of microseism's sources doi.org/10.30730/2541-8912.2017.1.4.037-046	2017, 4: 37–46

Sychev V.N., Imashev S.A. Estimation of Hurst exponent of seismic signal doi.org/10.30730/2541-8912.2017.1.2.050-061	2017, 2: 50–61
Sychev V.N., Dolgoplov B.K., Imashev S.A. Method of multifractal analysis of seismic noise doi.org/10.30730/2541-8912.2017.1.2.062-068	2017, 2: 62–68
Geocology. Ecology	
Maslova M.N. Quantitative analysis of the ecological and economic balance and the structure of land use in the basin of the Tumannaya Rive https://doi.org/10.30730/gtr.2023.7.3.316-330	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 <i>Physciaceae</i> and <i>Caliciaceae</i> [In English] https://doi.org/10.30730/gtr.2023.7.2.206-211	2023, 2: 206–211
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 https://doi.org/10.30730/gtr.2023.7.1.095-102	2023, 1: 95–102
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 https://doi.org/10.30730/gtr.2022.6.4.339-359	2022, 4: 339–359
Talskih 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 https://doi.org/10.30730/gtr.2022.6.4.360-379	2022, 4: 360–379
Ezhkin A.K. Soil lichens in thermal habitats on Southern Kuriles https://doi.org/10.30730/gtr.2022.6.4.380-387	2022, 4: 380–387
Nizyaev S.A. Ecological aspects of the interannual dynamics of the distribution of aggregations of the Red King Crab in Aniva Bay (Sakhalin Island) https://doi.org/10.30730/gtr.2022.6.4.388-404	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 https://doi.org/10.30730/gtr.2022.6.3.277-282	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 <i>Mallotus catervarius</i> (Pisces: Osmeridae) from the coastal waters of the southwestern part of Sakhalin Island. https://doi.org/10.30730/gtr.2022.6.2.136-140	2022, 2: 136–140
Koreneva T.G., Sigareva L.E. Pigments in the bottom sediments of Aniva Bay (Sea of Okhotsk) https://doi.org/10.30730/gtr.2022.6.1.060-073	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 https://doi.org/10.30730/gtr.2021.5.4.361-377	2021, 4: 361–377
Kazmiruk V.D. Mechanisms of plastic microparticles retention by buffer zones with macrophytes https://doi.org/10.30730/gtr.2021.5.4.378-388	2021, 4: 378–388
Ponomareva A.L., Polonik N.S., Obzhurov 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 https://doi.org/10.30730/gtr.2021.5.4.389-393.394-398	2021, 4: 389–398
Motylkova I.V. Taxonomic structure and ecology-geographical characteristic of phytoperiphyton in the Lyutoga River (Sakhalin Island) https://doi.org/10.30730/gtr.2021.5.4.399-427	2021, 4: 399–427
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 https://doi.org/10.30730/gtr.2021.5.4.428-438	2021, 4: 428–438
Lupakov S. Yu. Estimation of the runoff elasticity of the rivers in the eastern part of the Amur River basin https://doi.org/10.30730/gtr.2021.5.2.179-188	2021, 2: 179–188
Zharkov R.V. Thermal waters of the Ebeko volcano (Paramushir Island, Kuril Island) and their recreation and tourism potential https://doi.org/10.30730/gtr.2020.4.4.514-525	2020, 4: 514–525
Muzychenko L.E., Kazakova E.N. Anthropogenic debris flows in Sakhalin https://doi.org/10.30730/gtr.2020.4.3.359-368	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 doi.org/10.30730/2541-8912.2019.3.4.428-437	2019, 4: 428–437
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) doi.org/10.30730/2541-8912.2019.3.4.438-447	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) doi.org/10.30730/2541-8912.2019.3.3.318-324	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) doi.org/10.30730/2541-8912.2019.3.3.325-332	2019, 3: 325–332
Zharkov R.V. Physical and chemical properties of thermal waters of the Lunsky springs (Sakhalin Island) doi.org/10.30730/2541-8912.2019.3.2.249-255	2019, 2: 249–255
Ezhkin A.K. Lichens of wood substrates in areas of solfataric activity on Southern Kuriles doi.org/10.30730/2541-8912.2019.3.2.256-263	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) doi.org/10.30730/2541-8912.2018.2.4.398-408	2018, 4: 398–408

Mechanics of deformable solids. Geomechanics

<i>Panteleev I.A., Okunev V.I., Novikov V.A.</i> Synchronization of multifractal properties of continuous acoustic emission during the preparation and implementation of dynamic slip in model fault https://doi.org/10.30730/gtrz.2023.7.4.405-418	2023, 4: 405–418
<i>Velikanov P.G., Artyukhin Y.P.</i> Research on the dynamics of multi-storey buildings https://doi.org/10.30730/gtrz.2023.7.3.304-315	2023, 3: 304–315
<i>Mishchenko M.A., Larionov I.A., Vas'kin V.A.</i> Optical system for recording specimen deflection in bending tests https://doi.org/10.30730/gtrz.2023.7.2.175-179	2023, 2: 175–179
<i>Velikanov P.G., Artyukhin Yu.P.</i> Research on the dynamics of frame structures https://doi.org/10.30730/gtrz.2023.7.2.180-195	2023, 2: 180–195
<i>Krasnyuk I.B., Zabolotin A.E.</i> Deterministic and stochastic oscillations of fractal type during cooling of the melt https://doi.org/10.30730/gtrz.2021.5.4.439-447	2021, 4: 439–447
<i>Mubassarova V.A., Bogomolov L.M., Zakupin A.S., Panteleev I.A.</i> Acoustic emission and strain responses of rocks triggered by electromagnetic action (A review). Part 1 doi.org/10.30730/2541-8912.2019.3.2.155-174	2019, 2: 155–174
<i>Zabolotin A.E., Tomilev D.E.</i> Modeling of the stressed-strained state of a fault zone in injection/pumping of a fluid doi.org/10.30730/2541-8912.2017.1.4.030-036	2018, 4: 398–408
<i>Damaskinskaya E.E., Panteleev I.A., Frolov D.I., Vasilenko N.F.</i> Features of the critical stage of fracture process of deformed heterogeneous materials doi.org/10.30730/2541-8912.2018.2.3.245-251	2018, 3: 245–251
<i>Kamenev P.A., Usoltseva O.M., Tsoi P.A., Semenov V.N., Sivolap B.B.</i> Laboratory research of geomechanical parameters of sedimentary rocks massifs in the South Sakhalin doi.org/10.30730/2541-8912.2017.1.1.030-036	2017, 1: 30–36
Current Events	
Scientific cooperation between the Vietnam Academy of Science and Technology (VAST) and POI FEB RAS. <i>Shakirov R.B., Syrbu N.S., Valitov M.G.</i> et al. https://doi.org/10.30730/gtrz.2023.7.4.439-447	2023, 4: 439–447
Sakhalin Volcanic Eruption Response Team (SVERT): 20 years of monitoring of volcanic activity on the Kuril Islands. <i>Chibisova M.V., Degterev A.V., Rybin A.V., Romanyuk F.A.</i> https://doi.org/10.30730/gtrz.2023.7.4.448-453	2023, 4: 448–453
Third National scientific and practical conference with international participation: «Oil and gas complex: problems and solutions»	2021, 1: 72
Science vs. natural disasters: monitoring, prediction, warning of the consequences. <i>Zakupin A.S., comp.</i>	2017, 2: 69–71
CONFERENCE, EXPEDITIONS	
<i>V Russian scientific conference with foreign participants "Geodynamical Processes and Natural Hazards" (Yuzhno-Sakhalinsk, 2024)</i>	2024, 2: 153–156
<i>Obzhirov A.I.</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
<i>III Russian scientific conference with foreign participants "Geodynamical Processes and Natural Hazards" (Yuzhno-Sakhalinsk, 2019)</i>	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. <i>Nizyaeva G.F., comp.</i>	2017, 3: 71–89
In memory of Boris Vul'fovich Levin	2022, 4: I–IV