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<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> Koltsevov 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
<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 doi.org/10.30730/2541-8912.2017.1.3.021-039	2017, 3: 21–39
<i>Sim L.A., Bryantseva G.V., Savvichev 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) doi.org/10.30730/2541-8912.2017.1.1.003-022	2017, 1: 3–22
<i>Lomtev V.L., Patrickeyev V.N.</i> Seismic signatures indicators of North Sakhalin active faults doi.org/10.30730/2541-8912.2017.1.1.037-048	2017, 1: 37–48
<i>Saprygin S.M., Soloviev V.N.</i> Pacific plate subduction in 1978–1981 doi.org/10.30730/2541-8912.2017.1.1.049-057	2017, 1: 49–57

Geomorphology and Palaeogeography

- 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

- 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/wqcapo> 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

<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>Kaistrenko V.M.</i> 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
<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 https://doi.org/10.30730/gtr.2023.7.2.160-174	2023, 2: 160–174
<i>Shevchenko G.V., Tsoy A.T.</i> 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
<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). https://doi.org/10.30730/gtr.2022.6.2.114-123	2022, 2: 114–123
<i>Borisov A.S.</i> 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
<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 https://doi.org/10.30730/gtr.2021.5.4.328-338	2021, 4: 328–338
<i>Shakirov R.B., Venikova A.L., Sokolova N.L., Obzhairov A.I., Veselov O.V., Maltseva 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 https://doi.org/10.30730/gtr.2021.5.3.229-239	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 https://doi.org/10.30730/gtr.2021.5.3.240-247.247-254	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 https://doi.org/10.30730/gtr.2021.5.2.172-178	2021, 1: 172–178
<i>Korablev O.A.</i> 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
<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 https://doi.org/10.30730/gtr.2020.4.3.305-312.313-320	2020, 3: 313–320
<i>Kovalev P.D., Kovalev D.P., Shishkin A.A.</i> 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
<i>Korolev Yu.P., Korolev P.Yu.</i> Simulation of the process of short-term forecasting of the 25.03.2020 Onkotan tsunami https://doi.org/10.30730/gtr.2020.4.2.259-265	2020, 2: 259–265
<i>Shakirov R.B., Mau S., Mishukova G.I., Obzhairov A.I., Shakirova M.V., Mishukova O.V.</i> The features of methane fluxes in the western and eastern Arctic: A review. Part I (In English) https://doi.org/10.30730/2541-8912.2020.4.1.004-025	2020, 1: 4–25
<i>Korolev Yu.P., Korolev P.Yu.</i> Are tsunamis long or dispersive waves? https://doi.org/10.30730/2541-8912.2020.4.1.026-034	2020, 1: 26–34
<i>Shevchenko G.V., Chastikov V.N., Tsoy A.T.</i> Eddies off the southeast coast of Sakhalin Island https://doi.org/10.30730/2541-8912.2020.4.1.035-045	2020, 1: 35–45
<i>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.</i> 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
<i>Kaistrenko V.M.</i> 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
<i>Kaistrenko V.M., Razjigaeva N.G., Ganzey L.A., Gorbunov A.O., Nishimura Yu.</i> The manifestation of tsunamis 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
<i>Kovalev D.P., Kovalev P.D., Khuzeeva M.O.</i> 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
<i>Borisov A.S., Kovalev D.P., Kostylev D.V., Levin Yu.N.</i> 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., Obzhairov 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 Svobodny (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>Obzhairov 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
<i>Sychev V.N., Imashev S.A.</i> Estimation of Hurst exponent of seismic signal doi.org/10.30730/2541-8912.2017.1.2.050-061	2017, 2: 50–61
<i>Sychev V.N., Dolgoplov B.K., Imashev S.A.</i> Method of multifractal analysis of seismic noise doi.org/10.30730/2541-8912.2017.1.2.062-068	2017, 2: 62–68
Geoecology. Ecology	
<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>Ezhkin A.K., Galanina I.A., Romanyuk F.A.</i> 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
<i>Poltev Y.N., Koreneva T.G., Maryzhikhin V.E., Syrbu I.V.</i> 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
<i>Vatserionova E.O., Kopanina A.V., Vlasova I.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

<i>Talskih A.I., Kopanina A.V., Vlasova I.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
<i>Ezhkin A.K.</i> Soil lichens in thermal habitats on Southern Kuriles https://doi.org/10.30730/gtr.2022.6.4.380-387	2022, 4: 380–387
<i>Nizyaev S.A.</i> 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
<i>Poltev Yu.N., Koreneva T.G., Maryzhikhin V.E.</i> 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
<i>Poltev Yu.N., Koreneva T.G., Maryzhikhin V.E., Syrbu I.V.</i> 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
<i>Koreneva T.G., Sigareva L.E.</i> 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
<i>Nikitenko O.A., Ershov V.V.</i> 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
<i>Kazmiruk V.D.</i> 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
<i>Ponomareva A.L., Polonik N.S., Obzhairov A.I., Shakirov R.B., Grigorov R.A., Schmale O., Mau S.</i> Interrelation of methane distribution with psychro-, meso- and thermophilic hydrocarbon-oxidizing microorganisms in the bottom sediments of the Kara Sea https://doi.org/10.30730/gtr.2021.5.4.389-393.394-398	2021, 4: 389–398
<i>Motylkova I.V.</i> Taxonomic structure and ecology-geographical characteristic of phytoplankton in the Lyutoga River (Sakhalin Island) https://doi.org/10.30730/gtr.2021.5.4.399-427	2021, 4: 399–427
<i>Kaganov V.V., Kordyukov A.V., Ezhkin A.K.</i> 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
<i>Lupakov S.Yu.</i> 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
<i>Zharkov R.V.</i> 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
<i>Muzychenko L.E., Kazakova E.N.</i> Anthropogenic debris flows in Sakhalin https://doi.org/10.30730/gtr.2020.4.3.359-368	2020, 3: 359–368
<i>Zharkov R.V., Kozlov D.N., Ershov V.V., Syrbu N.S., Nikitenko O.A., Ustyugov G.V.</i> 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
<i>Zharkov R.V., Kozlov D.N., Chelnokova B.I.</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
<i>Zharkov R.V.</i> 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
<i>Nikitenko O.A., Ershov V.V.</i> 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
<i>Zharkov R.V.</i> 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
<i>Ezhkin A.K.</i> 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
<i>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.</i> 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/gtr.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/gtr.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/gtr.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/gtr.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/gtr.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/gtr.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/gtr.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>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
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. <i>Nizyaeva G.F., comp.</i>	2017, 3: 71–89
In memory of Boris Vul’fovich Levin	2022, 4: I–IV