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<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">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">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 Suusamyр earthquake <a href="https://doi.org/10.30730/2541-8912.2019.3.1.035-043">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">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">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">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">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">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">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">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">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>Shatakhtsyan 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

Zakupin A.S., Kamenev P.A., Voronina T.E., Boginskaya N.V. 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
Saprygin S.M. 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
Zakupin A.S., Kamenev P.A. 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
Zolotukhin D.E., Ivelskaya T.N. 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
Larionov I.A., Marapulets Yu.V., Mishchenko M.A., Solodchuk A.A., Shcherbina A.O. 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
Borisov A.S., Borisov S.A. Estimation of parameters of hydroacoustic signals of high frequency geoaoustic 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>Geomorphology and evolution geography</b>	
Kozlov D.N. The largest lakes of the Kuril Islands: morphometry and geographical distribution (materials for the database) <a href="https://doi.org/10.30730/gtr.2020.4.4.506-513">https://doi.org/10.30730/gtr.2020.4.4.506-513</a>	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 <a href="https://doi.org/10.30730/gtr.2021.5.3.287-304">https://doi.org/10.30730/gtr.2021.5.3.287-304</a>	2020, 3: 287–304
Razjigaeva N.G., Ganzey L.A., Makarova T.R., Korniyushenko 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 <a href="https://doi.org/10.30730/gtr.2020.4.2.230-249">https://doi.org/10.30730/gtr.2020.4.2.230-249</a>	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 <a href="https://doi.org/10.30730/gtr.2020.4.2.210-219.220-229">https://doi.org/10.30730/gtr.2020.4.2.210-219.220-229</a>	2020, 2: 210–229
Afanas'yev V.V. 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
Afanas'yev V.V., Uba A.V., Levitsky A.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
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) <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
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 <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
Kozlov D.N., Koroteev I.G. 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
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 <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
Afanasiev V.V., Ignatov E.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
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) <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
Afanasiev V.V., Romanov A.O., Uba A.V. 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>Geoinformatics, Seismology</b>	
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/gtr.2021.5.4.339-345">https://doi.org/10.30730/gtr.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/gtr.2021.5.4.346-353">https://doi.org/10.30730/gtr.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/gtr.2021.5.1.067-071">https://doi.org/10.30730/gtr.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 geoaoustic 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 core 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

## Oceanology

<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>Korablev 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
<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 <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
<i>Korolev Yu.P., Korolev P.Yu.</i> 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
<i>Shakirov R.B., Mau S., Mishukova G.I., Obzhirov A.I., Shakirova M.V., Mishukova O.V.</i> The features of methane fluxes in the western and eastern Arctic: A review. Part I (In 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
<i>Korolev Yu.P., Korolev P.Yu.</i> 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
<i>Shevchenko G.V., Chastikov V.N., Tsoy A.T.</i> 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
<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 <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
<i>Kaistrenko V.M.</i> 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
<i>Kaistrenko V.M., Razjigaeva N.G., Ganzey L.A., Gorbunov A.O., Nishimura Yu.</i> The manifestation of tsunami of August 1, 1940 in the Kamenka settlement, Primorye (new data concerning the old tsunami) (In 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
<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 <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
<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 <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
<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) <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
<i>Shakirov R.B., Obzhirov A.I., Shakirova M.V., Maltseva E.V.</i> 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
<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 <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
<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 <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
<i>Kovalev P.D., Kovalev D.P., Kirillov K.V.</i> 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
<i>Kirillov K.V.</i> The investigation of wave field using autonomous wave registrator 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
<i>Shevchenko G.V., Loskutov A.V., Kaystrenko V.M.</i> 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
<i>Kovalev P.D., Kovalev D.P.</i> 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
<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 <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
<i>Obzhirov 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 <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
<i>Kovalev D.P., Kovalev P.D.</i> 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
<i>Korolev Yu.P.</i> 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
<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 <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
<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 <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

## Geoecology

- 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., Obzhairov 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
- 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](https://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](https://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](https://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](https://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](https://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](https://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](https://doi.org/10.30730/2541-8912.2018.2.4.398-408) 2018, 4: 398–408

## Ecology

- Motyolkova 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 *Populus maximowiczii* in Yuzhno-Sakhalinsk city and its suburbs <https://doi.org/10.30730/gtr.2021.5.4.428-438> 2021, 4: 428–438

## Mechanics of deformable solids. Geomechanics

- Krasnyuk I.B., Zabolotin A.E. 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
- 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 [doi.org/10.30730/2541-8912.2019.3.2.155-174](https://doi.org/10.30730/2541-8912.2019.3.2.155-174) 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 [doi.org/10.30730/2541-8912.2017.1.4.030-036](https://doi.org/10.30730/2541-8912.2017.1.4.030-036) 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 [doi.org/10.30730/2541-8912.2018.2.3.245-251](https://doi.org/10.30730/2541-8912.2018.2.3.245-251) 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 [doi.org/10.30730/2541-8912.2017.1.1.030-036](https://doi.org/10.30730/2541-8912.2017.1.1.030-036) 2017, 1: 30–36

## Current Events

- 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. *Zakupin A.S., comp.* 2017, 2: 69–71

## Conference, expeditions

- Obzhairov 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](https://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. *Nizyaeva G.F., comp.* 2017, 3: 71–89