

Topical index of articles published in the journal “Geosystems of Transition Zones”

Geotectonics and geodynamics		
Nikitina M.A., Rodkin M.V. 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
Bulgakov R.F., Senachin V.N., Senachin M.V. 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
Truong Thanh Phi, Shakirov R.B., Syrbu N.S. Characteristics of tectonic activity phases along The Cao Bang-Tien Yen fault zone, Tien Yen-Lang Son section, Northeastern part, Vietnam doi.org/10.30730/2541-8912.2019.3.4.345-363		2019, 4: 345–363
Bulgakov R.F., Senachin V.N. 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
Safonov D.A. 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
Polets A.Yu. 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
Senachin V.N., Senachin M.V. 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
Sim L.A., Gordeev N.A., Marinin A.V. Modern geodynamics of the eastern boundary of Siberian Platform doi.org/10.30730/2541-8912.2018.2.4.280-289		2018, 4: 280–289
Kuzikov S.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
Senachin V.N., Veselov O.V., Senachin M.V. 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
Levin B.W., Sasorova E.V. 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
General and regional geology. Petrology. Volcanology		
Nikitenko O.A., Ershov V.V. Hydrogeochemical characteristics of mud volcanism manifestations on Sakhalin Island https://doi.org/10.30730/qtrz.2020.4.3.321-335.336-350		2020, 3: 336–350
Romanyuk F.A., Degtarev A.V. Transformation of the coastline of Raikoke Island after the explosive eruption on June 21–25, 2019 (Central Kuril Islands) https://doi.org/10.30730/qtrz.2020.4.3.351-358		2020, 3: 351–358
Firstov P.P., Popov O.E., Lobacheva M.A., Budilov D.I., Akbashev R.R. Wave perturbations in the atmosphere accompanied the eruption of the Raykoke 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
Degtarev A.V., Chibisova M.V. 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
Bornyakov S.A., Salko D.V., Shagun A.N., Dobrynina A.A., Usynin L.A. 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
Kamenev P.A., Zabolotin A.E., Degtyarev V.A., Zherdeva O.A. Geomechanical model of South Sakhalin active fault doi.org/10.30730/2541-8912.2019.3.3.287-295		2019, 3: 287–295
Degtarev A.V., Chibisova M.V. 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
Chibisova M.V., Degtarev A.V. 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
Nikitenko O.A., Ershov V.V., Perstneva Ju.A., Bondarenko D.D., Baloglanov E.E., Abbasov O.R. 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
Kozlov D.N., Degtarev A.V., Zarochintsev V.S. 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
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. 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

Rybin A.V., Chibisova M.V., Smirnov S.Z., Martynov Yu.A., Degterev A.V. 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
Degterev A.V., Kozlov D.N., Romanyuk F.A., Zharkov R.V., Rybin A.V. 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
Bulgakov R.Ph. 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
Grannik V.M. Chekhov's Late Cenozoic volcanism of the eastern coast of Southern Sakhalin (Makarovskiy district) doi.org/10.30730/2541-8912.2018.2.3.252-258	2018, 3: 252–258
Rybin A.V., Chibisova M.V., Degterev A.V. 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
Grannik V.M. Late Cenozoic igneous rocks of the Krilon Peninsular (Sakhalin Island) doi.org/10.30730/2541-8912.2017.1.4.003-020	2017, 4: 3–20
Rybin A.V., Degterev A.V., Dudchenko I.P., Guryanov V.B., Romanyuk F.A., Klimantsov I.M. Comprehensive research on Matua Island in 2017 doi.org/10.30730/2541-8912.2017.1.4.021-029	2017, 4: 21–29
Geophysics, geophysics methods of mineral exploration	
Seismology, prediction methods	
Firstov P.P., Makarov E.O. 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/gtrz.2020.4.3.270-278.279-287	2020, 3: 279–287
Budanov L.M., Senchina N.P., Shnyukova O.M., Gorelik G.D. Study of paleochannels by means of gravimetric observations https://doi.org/10.30730/gtrz.2020.4.3.288-296	2020, 3: 288–296
Kirilov A.A., Sychev V.N. 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/gtrz.2020.4.3.297-304	2020, 3: 297–304
Safonov D.A., Kostylev D.D., Fokina T.A., Kovalenko N.S. Seismicity of the South Far East of Russia in 2019 https://doi.org/10.30730/gtrz.2020.4.2.146-159	2020, 2: 146–159
Zakupin A.S., Boginskaya N.V. Mid-term assessments of the seismic hazard on Sakhalin Island by the LURR method: new results https://doi.org/10.30730/gtrz.2020.4.2.160-168.169-177	2020, 2: 160–177
Sycheva N.A. Seismic moment tensor and dynamic parameters of earthquakes in the Central Tien Shan https://doi.org/10.30730/gtrz.2020.4.2.178-191.192-209	2020, 2: 178–209
Safonov D.A., Fokina T.A., Kovalenko N.S. 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
Zakupin A.S., Boginskaya N.V., Andreeva M.Yu. 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
Kamenev P.A., Kostylev D.V., Boginskaya N.V., Zakupin A.S. 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. Bogomolov L.M. doi.org/10.30730/2541-8912.2019.3.1.003-004	2019, 1: 3–4
Parovyshny V.A., Sohatyuk Yu.V., Parovyshny D.V., Veselov O.V., Kochergin E.V. 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
Sverdlik L.G., Imashev S.A. On preseismic anomalies of atmosphere temperature doi.org/10.30730/2541-8912.2019.3.1.019-026	2019, 1: 19–26
Zakupin A.S., Boginskaya N.V. 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
Sychev V.N., Sycheva N.A., Imashev S.A. Study of aftershock sequence of Suusamyr earthquake doi.org/10.30730/2541-8912.2019.3.1.035-043	2019, 1: 35–43
Zhigulev V.V., Savitsky A.V., Zhigulev A.V. 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
Kostina A.A., Zhelnin M.S., Plekhov O.A., Panteleev I.A. 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
Polets A.Yu. 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
Veselov O.V., Semakin V.P., Kochergin A.V. 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
Pavlova V.Yu., Zharkov R.V. 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
Malyshev A.I., Malysheva L.K. 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
Prytkov A.S., Safonov D.A., Zakupin A.S. Onor earthquake of August 14, 2016, Mw = 5.8 (Sakhalin Island) doi.org/10.30730/2541-8912.2018.2.3.154-164	2018, 3: 154–164
Muhamedeeva V.A., Sycheva N.A. 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
Zhigulev V.V., Uporov K.Yu., Zhigulev A.V. 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
Semenova E.P., Kostylev D.V., Mikhailov V.I., Parshina I.A., Fercheva V.N. 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

Safonov D.A. Seismic activity of the Amur region and Primorye doi.org/10.30730/2541-8912.2018.2.2.104-115	2018, 2: 104–115
Bogomolov L.M., Kamenev P.A., Sychev V.N. 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
Firstov P.P., Makarov E.O., Glukhova I.P., Budilov D.I., Isakevich D.V. 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
Shatakhtyan A.R. 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
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) doi.org/10.30730/2541-8912.2018.2.1.052-056	2018, 1: 52–56
Saprygin S.M. Faults and wavequides in the Sakhalin depths doi.org/10.30730/2541-8912.2017.1.4.047-052	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 doi.org/10.30730/2541-8912.2017.1.3.040-049	2017, 3: 40–49
Zolotukhin D.E., Ivlevskaya T.N. 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
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 doi.org/10.30730/2541-8912.2017.1.3.057-063	2017, 3: 57–63
Borisov A.S., Borisov S.A. Estimation of parameters of hydroacoustic signals of high frequency geoacoustic emission within Central Sakhalin Fault area doi.org/10.30730/2541-8912.2017.1.3.064-070	2017, 3: 64–70
Geomorphology and evolution geography	
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/gtrz.2020.4.2.210-219.220-229	2020, 2: 210–229
Razjigaeva N.G., Ganzev L.A., Makarova T.R., Konyushenko 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/gtrz.2020.4.2.230-249	2020, 2: 230–249
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
Razzhigaeva N.G., Ganzev 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 Malokurilskaya 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
Geoinformatics, Seismology	
Senkevich Yu.I., Lukovenkova O.O., Solodchuk A.A. 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
Cheshev M.E., Sychev V.N., Imashev S.A. 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
Senachin V.N., Senachin M.V. Computation of planetary and regional gravitational models of corn and mantles of the Earth with account of its spherical form doi.org/10.30730/2541-8912.2018.2.2.131-137	2018, 2: 131–137
Makovetsky V.I., Dudchenko I.P., Zakupin A.S. 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., Dolgopolov 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
Oceanology	
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/gtrz.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/gtrz.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 Onekotan tsunami https://doi.org/10.30730/gtrz.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., Ganzei L.A., Gorbunov A.O., Ponomarev V.I., Klimin M.A., Arslanov Kh.A., Maksimov F.E., Petrov A.Yu. Reconstruction of paleotyphoons and recurrence of extreme floods in south Sakhalin Island in Middle–Late Holocene 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., Ganzei L.A., Gorbunov A.O., Nishimura Yu. The manifestation of tsunami of August 1, 1940 in the Kamenka settlement, Primorye (new data concerning the old tsunami) (In English) 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
Gorbunov A.O., Kovalev D.P., Kovalev P.D. The sediment transported by the flow in the eroding area of the Mordvinov Gulf coast (Sakhalin Island) doi.org/10.30730/2541-8912.2019.3.2.209-218	2019, 2: 209–218
Shakirov R.B., Obzhirov A.I., Shakirova M.V., Maltseva E.V. On gas hydrates of East Asian marginal seas: patterns of genesis and distribution (review) doi.org/10.30730/2541-8912.2019.3.1.065-106	2019, 1: 65–106
Shakirov R.B., Mishukova O.V. The spatial distribution of the methane fluxes on the water–atmosphere boundary in the Sea of Okhotsk doi.org/10.30730/2541-8912.2019.3.1.107-123	2019, 1: 107–123
Shevchenko G.V., Khuzeeva M.O., Yachmenev V.E., Shishkin A.A. Storm waves in the South Kuril Islands by visual and instrumental data doi.org/10.30730/2541-8912.2019.3.1.124-136	2019, 1: 124–136
Kovalev P.D., Kovalev D.P., Kirillov K.V. The precursors of a storm doi.org/10.30730/2541-8912.2018.2.4.332-338	2018, 4: 332–338
Kirillov K.V. 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
Shevchenko G.V., Loskutov A.V., Kaystrenko V.M. 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
Kovalev P.D., Kovalev D.P. 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
Shevchenko G.V., Chastikov V.N., Kirillov K.V., Kusaylo O.V. 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
Obzhirov A.I., Baranov B.V., Shakirov R.B., Prokudin V.G., Mal'tseva E.V. Landslide processes on the South-West slope of the Kuril basin of Okhotsk Sea doi.org/10.30730/2541-8912.2018.2.2.092-098	2018, 2: 92–98
Kovalev D.P., Kovalev P.D. Nonlinear transformation of wind waves and swell under ice doi.org/10.30730/2541-8912.2018.2.2.099-103	2018, 2: 99–103
Korolev Yu.P. The short-term tsunami forecast in the Pacific Ocean doi.org/10.30730/2541-8912.2017.1.2.003-017	2017, 2: 3–17
Kovalev D.P., Kovalev P.D., Kirillov K.V. The investigation of dangerous marine phenomena in the coastal zone based on the field observations results doi.org/10.30730/2541-8912.2017.1.2.018-034	2017, 2: 18–34
Shevchenko G.V., Loskutov A.V. Features of tsunamis in the ports of the Sakhalin Region inferred from the data of instrumental measurements and numerical modeling doi.org/10.30730/2541-8912.2017.1.2.035-049	2017, 2: 35–49
Geoeiology	
Muzychenko L.E., Kazakova E.N. Anthropogenic debris flows in Sakhalin https://doi.org/10.30730/gtrz.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 Chibisansko 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

<p><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</p>	2018, 4: 398–408
<p>Mechanics of deformable solids. Geomechanics</p> <p><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</p>	2019, 2: 155–174
<p><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</p>	2018, 4: 398–408
<p><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</p>	2018, 3: 245–251
<p><i>Kamenev P.A., Usoltseva O.M., Tsoi P.A., Semenov V.N., Sivopal 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</p>	2017, 1: 30–36
<p>Current Events</p> <p>Science vs. natural disasters: monitoring, prediction, warning of the consequences. <i>Zakupin A.S., comp.</i></p>	2017, 2: 69–71
<p>Conference, expeditions</p> <p><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</p>	2018, 1: 57–68
<p>III Russian scientific conference with foreign participants “Geodynamical Processes and Natural Hazards” (Yuzhno-Sakhalinsk, 2019)</p>	2019, 3: 333–341
<p>From the Editorial Board</p> <p>60 years – Doctor of Physical and Mathematical Sciences Leonid M. Bogomolov</p>	2018, 1: 69–74
<p>To the 80-th anniversary of Corresponding Member of RAS B.W. Levin. <i>Nizyaeva G.F., comp.</i></p>	2017, 3: 71–89