

GEOPHYSICAL SURVEY  
OF THE  
RUSSIAN ACADEMY OF SCIENCES

RUSSIAN JOURNAL  
OF SEISMOLOGY

Volume 3    2021    Issue 1

OBNINSK  
2021

**RUSSIAN JOURNAL OF SEISMOLOGY**  
**Volume 3, Issue 1, 2021**

Founded in 2019.  
Journal published four times a year

**Editor-in-chief**  
Corresponding Member of RAS A.A. Malovichko

**Editorial Board:**

Dr. K.E. Abdrakhmatov; Dr. G.N. Antonovskaya; Dr. A.G. Aronov; PhD D.V. Chebrov;  
PhD R.A. Dyagilev; Dr. A.F. Emanov; Corr. Memb. ANAS, Dr. G.D. Etirmishli; PhD I.P. Gabsatarova;  
Acad. ANAS, Dr. I.S. Guliyev; PhD A.V. Kendzera; Dr. G.G. Kocharyan; Dr. G.N. Kopylova;  
PhD K.G. Mackey; PhD D.A. Malovichko; Dr. V.I. Melnikova; Dr. N.N. Mikhailova;  
PhD A.N. Morozov; PhD G.M. Petrosyan; Dr. B.G. Pustovitenko;  
Dr. E.A. Rogozhin; Dr. V.A. Saltykov; Dr. I.A. Sanina; Dr. V.S. Seleznev; Dr. N.V. Sharov;  
Dr. G.M. Steblov; PhD D.A. Storchak; PhD Yu.A. Vinogradov; Dr. A.D. Zavyalov

**Founder:**  
Geophysical Survey of the Russian Academy of Sciences

**Address of the publisher:**  
249035, Lenina av. 189, Obninsk, Kaluga region, Russia  
Tel +7 495 9126872, +7 484 3931405. E-mail: rjs@gsras.ru  
URL: [www.gsras.ru/rjs/eng/](http://www.gsras.ru/rjs/eng/)

## **Contents**

Yu.A. Vinogradov, M.I. Ryzhikova, N.V. Petrova, S.G. Poygina, M.V. Kolomiets <b>Global earthquakes in the 2020 second half according to the GS RAS</b> .....	<b>7</b>
V.E. Asming, A.V. Fedorov, A.V. Prokudina <b>The program LOS for interactive seismic and infrasonic data processing</b> .....	<b>27</b>
D.V. Kostylev <b>Formation of a unified system for collecting seismological information in the Sakhalin Division GS RAS</b> .....	<b>41</b>
A.V. Liseikin, V.S. Seleznev <b>Most important results of the scientific activity of the Seismological Division GS RAS in 2016–2020 (seismic research)</b> .....	<b>54</b>
G.N. Kopylova, A.A. Lyubushin, L.N. Taranova <b>New prognostic technology for analysis of low-frequency seismic noise variations (on the example of the Russian Far East)</b> .....	<b>75</b>

---

## ***Discussion***

V.O. Voleysho <b>Short-term earthquake forecast</b> .....	<b>92</b>
--	-----------