

WATER PROBLEMS INSTITUTE  
RUSSIAN ACADEMY OF SCIENCES

# **ECOSYSTEMS: ECOLOGY AND DYNAMICS**

**Vol. 8, No. 2, 2024, Juni**

Journal is founded in January 2017

Issued 4 times per year

Editor-in-Chief, Dr. geogr. Zh.V. Kuzmina

Editorial Council:

Corresponding member of the Russian Academy of Sciences V.I. Danilov-Danilyan,  
Corresponding member of the Russian Academy of Sciences A.N. Gelfan  
Academician of the Russian Academy of Sciences K.N. Kulik,  
Corresponding member of the Russian Academy of Sciences V.V. Melikhov

Editorial Board:

M.V. Bolgov, E.I. Golubeva, T.V. Dikariova, N.G. Mazey, N.M. Novikova,  
G.N. Ogureeva, E.I. Pankova, S.A. Podolskiy, A.S. Viktorov, M.F. Vundtsettel,  
L.G. Yemelyanova

Executive Secretary:

E.I. Tobolova

Head of Editorial Office:

O.S. Grinchenko

*Addresses of Editorial Offices:*

Russia, 119333 Moscow, Gubkina str., 3, WPI RAS

Tel.: (499) 135-70-41. Fax: (499) 135-54-15

E-mail: [dynamics-journal@yandex.ru](mailto:dynamics-journal@yandex.ru)

<http://www.ecosystemsdynamic.ru>

MOSCOW

**2024**