



RESEARCH INTERESTS

environmental monitoring, forest fires, conifers, climate change, adaptation, high temperature stress, fluorescence, heat shock proteins, plant physiology

EDUCATION

Postgraduate in Russian, completed, started in September 2013 - 2019 – Siberian Federal University. Dissertation: Features of Recovery of *Pinus sylvestris* physiology following a fire. Irina N. Bezkorovaynaya and Nina V. Pakharkova, Chairs

M.A. in Russian, June 2013 – Siberian Federal University

B.A. in Russian, June 2011 – Siberian Federal University

PUBLICATIONS

Peer-reviewed Journals

1. Quantitative characteristics of the phases of winter dormancy of conifer species at a site in Central Siberia/ Pakharkova Nina V., Heilmeyer Hermann, Gette Irina, Andreeva Elena B., Grachev Alexi M., Gaevskiy Nikolay A., Grigoriev Yurii S.// *Brazilian Journal of Botany*, Vol. 39,N. 4, 2016, p. 1005-1014
2. Fluorescence methods for estimation of post-fire response of pine needles /Gette I.G., *Pakharkova N. V., Kosov I. V., Bezkorovaynaya I. N.*// *Folia Forestalia Polonica, Series A*, Vol. 59, Is. 4, p. 249-257, 2017
3. The Heat Stress Effect on Assimilatory Apparatus of Scots Pine Needles at Post-Fire Sites in Pine Forests in Southern Siberia/ I. G. Gette, I. V. Kosov, N. V. Pakhar'kova, I. N. Bezkorovainay// *Contemporary Problems of Ecology*, Is. 4, 2017, pp. 437-455
4. Influence of high-temperature convective flow on viability of Scots pine needles (*Pinus sylvestris* L.)/I.G.Gette, N. V. Pakharkova, I.V. Kosov I.N. Bezkorovaynaya// *Journal of Forestry Research*

HONORS / AWARDS

1. Winner of the Scholarship named after zoologist E. A. Krutovskaya - for achievements in the field of agriculture and agricultural sciences, biological sciences, 2013
2. Winner of the award of the head of the city of Krasnoyarsk, 2013



SUNRAISE: Sustainable Natural
Resource Use in Arctic and High
Mountainous Areas
Irina Gette
BIOSKETCH



3. Winner of the award of the Government of Krasnoyarsk in the field of vocational education, 2019

SCIENTIFIC GRANTS

1. Russian Fund of Fundamental Research project , Government of Krasnoyarsk Krai, and the Krasnoyarsk Regional Foundation for Science No. 18-44-243007 “Evaluation of stress proteins content and photosynthesis intensity of the pine needles (*Pinus Sylvestris*) in the post-pyrogenic period in the Krasnoyarsk forest-steppe” from 10.06.2018 to 10.06.2020.

2. Russian Fund of Fundamental Research project No 17-34-50051 “Assessment of stress protein content in the needles of Scots pine (*Pinus sylvestris* L.) after ground fires in the conditions of the Krasnoyarsk forest-steppe)” from 01.03.2017 to 30.07.2017.