
CONTENTS

STUDIES

Polevoy A.N. , Mykytiuk A.Yu.

Modeling emissions of CO₂, CH₄, NO, N₂O from organic soils (PEAT-GHG-MODEL) 5

Romanovskaya A.A., Imshennik E.V., Karaban R.T., Smirnov N.S., Korotkov V.N., Trunov A.A.

Anthropogenic emissions of short-lived climate-active substances on the territory of Russia within the period from 2000 to 2013 27

Yasjukevich V.V., Rybina E. A., Yasjukevich N.V., Rudkova A.A.

Vulnerability assessment of population health of the Russian Federation in respect of some infectious and vector-borne diseases in the regional aspect for the first half of the XXI century 49

Bespalov M.S.

Simulation of pollutants transport in the atmosphere as a tool of the protection activities 74

Shchuka T.A., Shchuka S.A.

The dynamics of quantitative characteristics of alien species of zooplankton in the south-eastern part of the Baltic sea in July of the years 2003 – 2015 in connection with the thermohaline conditions 86

MONITORING IMPLEMENTATION

Vetrov V.A., Kouzovkin V.V., Manson D.A.

A way to optimize snow cover chemical composition monitoring network: the Sakhalin case study 109

TOPICAL ISSUE

Yasjukevich V.V., Yasjukevich N.V., Rudkova A.A.

Zika fever 124