

# CONTENTS

*Physics, Biophysics and Ecology of Soils*

---

---

<b>Distribution of nickel, copper and cadmium in sod-podzolic and podzolic soils of the north-east of the Luga upland</b>	
Akatova A. A., Efremova M. A., Rodicheva T. V.	1
<b>Dynamics of zinc content in barley plants depending on fertility level of sod-podzolic soil</b>	
Vitkovskaya S. E.	9
<b>Method for calculating optimal soil density value in any period of vegetation</b>	
Konishchev A. A., Garifullin I. I.	16
<b>Characteristics of lake waters and soil chemical composition of kamyshlovsky log in omsk region</b>	
Nevenchannaya N. M., Bashkatova L. N.	24
<b>Rate and character of raw dolomit dissolution</b>	
Salaev I. V.	31
 <i>Physical, physiological and genetic basis for biological productivity of soil-plant complexes under natural and controlled conditions</i>	
<b>Study of photoperiod effect on microelements content in cabbage plants of <i>Brassica Rapa</i> L.</b>	
Egorova K. V., Dubovitskaya V. I., Khomyakov Yu. V., Chesnokov Yu. V.	37
<b>Esponse of breeding lines of spring and winter wheat to toxic effects of artificially created abiotic stress</b>	
Marchenkova L. A., Lapochkina I. F., Pavlova O. V., Gaynullin N. R., Chavdar R. F., Orlova T. G.	44