

**Ministry of Education and Science of Ukraine  
Mechnikov Odessa National University**



**Materials  
of VI International  
conference of Young Scientists**

**«BIODIVERSITY.  
ECOLOGY.  
ADAPTATION.  
EVOLUTION.»**

**dedicated to the 150th anniversary  
from the birth of famous botanist  
Vladimir Lipskiy  
May 13 – 17, 2013**

**Odessa, 2013**

**PROCEEDINGS  
OF THE VI INTERNATIONAL  
YOUNG SCIENTISTS CONFERENCE  
«BIODIVERSITY. ECOLOGY. ADAPTATION. EVOLUTION.»,  
DEDICATED TO 150 ANNIVERSARY FROM THE BIRTH  
OF VLADIMIR LIPSKIY  
(ODESA, MAY 13 – 17, 2013)**

**МАТЕРІАЛИ  
VI МІЖНАРОДНОЇ КОНФЕРЕНЦІЇ МОЛОДИХ ВЧЕНИХ  
«БІОРИЗНОМАНІТТЯ. ЕКОЛОГІЯ. АДАПТАЦІЯ. ЕВОЛЮЦІЯ.»,  
ПРИСВЯЧЕНОЇ 150-РІЧЧЮ ВІД ДНЯ НАРОДЖЕННЯ  
ВИДАТНОГО БОТАНІКА В.І. ЛИПСЬКОГО  
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«Печатный дом»

Одеса, 2013

during an entire agricultural cycle: use of light-weight agricultural machine, “closed” drip irrigation type, rational crop rotation etc were discussed.

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## **PROBLEMS AND PROSPECTS OF ENVIRONMENTAL AUDIT IN UKRAINE**

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Basic principles and positions of environmental audits are implemented in the resolution of the European Union’s environmental management and environmental auditing adopted in 1993. Since 1996 the world is international standards are ISO 14000, which states the principles and procedures for environmental audit. Today, they are common in Ukraine and represent the ecological reconstruction of the whole business. Application of ISO 14000 standards will enable companies of Ukraine to ensure their own competitiveness in domestic and foreign markets.

In Ukraine, the introduction of an environmental audit is in its formative stages and how successful will this process depends on the efficiency of the economy of Ukraine. Deterrent today is the lack of legal framework for environmental audit and borrowing foreign experience is not adapted to the Ukrainian realities.

Environmental audits may be subject to enterprises, institutions and organizations and their affiliates, representatives or associations of integral property complexes and other industrial facilities, or individual units of production or activities; system of environment management, and other subjects provided law. Organization and implementation of eco - auditing regulated parts 2, 3. 49 of the Law of Ukraine «On Environmental Protection», Law of Ukraine «On Environmental Audits» (2004), legislation governing the activities and areas in which the mandatory environmental audit (including privatization). A number of procedural documents for the certification of auditors, RMBs environmental auditors and legal persons who are eligible to conduct environmental audits, approved by the Ministry of Environment. Environmental auditing quality management systems environment is also regulated by international standards. 3 January 1, 1998 in Ukraine, particularly adapted following international standards: EN ISO 14010-97 «Guidelines for the implementation of environmental auditing. General principles, BS ISO 14011-97 «Guidelines for the implementation of environmental auditing. Procedures audit. Auditing of environmental management systems», EN ISO 14012-97 «Guidelines for the implementation of environmental auditing. Qualification requirements for

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auditors of ecology». In place of these standards then came a single standard EN ISO - 19011:2003 «Guidelines for auditing quality management systems and (or) environmental management».

In Ukraine this type of audit is only beginning to develop. The basis for its implementation and further development is ratification at national level of international standards for environmental management and audit ISO 14000 and the Law of Ukraine «On environmental auditing».