

**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  
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DEDICATED TO 150 ANNIVERSARY FROM THE BIRTH  
OF VLADIMIR LIPSKIY  
(ODESA, MAY 13 – 17, 2013)**

**МАТЕРІАЛИ  
VI МІЖНАРОДНОЇ КОНФЕРЕНЦІЇ МОЛОДИХ ВЧЕНИХ  
«БІОРІЗНОМАНІТТЯ. ЕКОЛОГІЯ. АДАПТАЦІЯ. ЕВОЛЮЦІЯ.»,  
ПРИСВЯЧЕНОЇ 150-РІЧЧЮ ВІД ДНЯ НАРОДЖЕННЯ  
ВИДАТНОГО БОТАНІКА В.І. ЛИПСЬКОГО  
(ОДЕСА, 13 – 17 ТРАВНЯ 2013 Р.)**

**«Печатный дом»**

**Одеса, 2013**

## **THE USE OF ISO STANDARDS IN THE ORGANIZATION OF ENVIRONMENTAL MANAGEMENT SYSTEMS**

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In order to improve of ecological and economic activity, reducing environmental impact, health and safety personnel, a system of environmental management. This is achieved through the objectives of environmental policy, its revision and correction. The adjustment is carried out in two areas: requirements for product safety for consumers and health requirements for environmental protection.

The implementation of environmental management system is a significant problem is its fragmentation in regulations. For example, if we take as a basis the State Standard «SSTU 3273-95», the key here is to identify indicators used for quantitative measurement of safety standards and establishing limits of these parameters. A series of international standards ISO 9000 provides the procedure for obtaining the output quality products, system documentation control at all levels of production. That system standards ISO, unlike other environmental standards, focused not on quantitative parameters (emissions, concentrations of harmful substances, etc.) and not on technology. The main document ISO 14001 contains no absolute requirement on the impact of production on the environment except in special paper company must declare their desire to meet the standards.

Environmental management System is a modern mechanism of environmental management. Standards ISO 14000 provide the necessary measures to improve these

**«Biodiversity. Ecology. Adaptation. Evolution.» Odessa, 2013**

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activities while maintaining the economic interests of enterprises, internationally recognized and widely used by most industry for over ten years. They are based on a systematic approach and the use of complex management decisions, procedures and documentation.

Environmental Management System certified for compliance with ISO 14001. All other documents, such as ISO 14004, 14040, 14050:2002 regarded as auxiliary. Their typical situation lies in the fact that the organization should be introduced and followed appropriate procedures, signed some documents and the person appointed by a separate line.

Application of standards that apply to environmental management, aims to ensure the functioning of an efficient system that could make a coherent whole with a common control system. The success of these activities depends on all hierarchical and functional levels of the organization, particularly on from the top leadership.