

ZBIÓR
ARTYKUŁÓW NAUKOWYCH

AKTUALNE NAUKOWE PROBLEMY
ROZPATRZENIE, DECYZJA, PRAKTYKA

Gdańsk

30.03.2016 - 31.03.2016

СБОРНИК
НАУЧНЫХ СТАТЕЙ

АКТУАЛЬНЫЕ НАУЧНЫЕ ПРОБЛЕМЫ.
РАССМОТРЕНИЕ, РЕШЕНИЕ,
ПРАКТИКА.

Гданьск

30.03.2016 - 31.03.2016

U.D.C. 72+7+7.072+61+082

B.B.C. 94

Z 40

Wydawca: Sp. z o.o. «Diamond trading tour»

Druk i oprawa: Sp. z o.o. «Diamond trading tour»

Adres wydawcy i redakcji: 00-728 Warszawa, ul. S. Kierbedzia, 4 lok.103

e-mail: info@conferenc.pl

Zbiór artykułów naukowych.

Z 40 Zbiór artykułów naukowych. Konferencji Międzynarodowej Naukowo-Praktycznej " Aktualne naukowe problemy. Rozpatrzenie, decyzja, praktyka. " (30.03.2016 - 31.03.2016) - Warszawa: Wydawca: Sp. z o.o. «Diamond trading tour», 2016. - 88 str.

ISBN: 978-83-65207-74-6

Wszelkie prawa zastrzeżone. Powielanie i kopiowanie materiałów bez zgody autora jest zakazane. Wszelkie prawa do materiałów konferencji należą do ich autorów. Pisownia oryginalna jest zachowana. Wszelkie prawa do materiałów w formie elektronicznej opublikowanych w zbiorach należą Sp. z o.o. «Diamond trading tour». Obowiązkowym jest odniesienie do zbioru.

nakład: 50 egz.

"Diamond trading tour" © Warszawa 2016

ISBN: 978-83-65207-74-6

Tsvetkova N.

Ph.D., Professor of Geobotany, soil science and ecology
Oles Honchar Dnipropetrovsk National University

Saranenko II

PhD, assistant professor of ecology and geography
Kherson State University

**THE IMPORTANCE OF EDUCATIONAL DISCIPLINE
“ENVIRONMENTAL STANDARDS AND CERTIFICATION”
IN THE PREPARATION OF MASTER OF ECOLOGY**

Tags / Keywords: standardization / standardization, certification / certification, regulatory documents / normative document, Ecology Master / master of ecology, jurisdiction / competence.

Environmental standardization was started in the 70s of the last century. In 1993, our country created its own system of standardization. Developed national standards of Ukraine got the acronym– ISO. Since 1995, in the development of regulations embarked on unification of domestic regulations with European. There were marks with environmental standards: ISO ISO, ISO EN [3].

At the beginning of the third millennium Ukraine has joined the states that execute decisions “Agenda for the XXI Century” and “environment and development” reaffirmed their intention at the 2nd World Ecological Forum in Johannesburg (2002), the basic concept of environmental education Ukraine (2001) and the declaration of “Education for sustainable development”, adopted at the meeting of the Pan-European environment Ministers of Europe (Kyiv, May 2003). This circumstance requires coordination conceptual foundations, scientific and pedagogical approaches to training qualified personnel, organizational bases of environmental education in Ukraine according to the role that is given to it to implement the transition to sustainable development and European integration [1,2].

Master training in higher education Ecology 101specialty requires the formation of professional competence for the performance of their duties scientific research and innovative character, the ability to self-employment activities in the field of modern ecology.

The task of discipline “Environmental Standardization and Certification” is the acquisition of knowledge and skills in the use of national and international standards, in scientific work (election methods, logistics, processing the results of the study) and professional activity (quality control environment for environmental standards).

To fulfill the task we have developed a course program consisting of theoretical and practical part of the module “Metrology and standardization in the environmental field” and includes the following thematic modules: measuring equipment in scientific environmental studies; statistical processing of the experimental results; Environmental standardization perspective in research; environmental certification, scientific and technical standardization.

Practical exercises are designed to teach undergraduates to solve complex professional issues with the use of the legal framework Environmental standardization and certification.

For the purpose of offering practical work the following topics: learning the state standards and norms in the field of land; assessment of soil contamination by chemicals; normative assessment of land settlements, agricultural and other categories; study the legal framework for standardization and regulation in the field of air; determination of sanitary protection zones; Environmental assessment of the quality of air and water pollution; peculiarities of legal regulation of the use of natural resources; study the legal framework for standardization, normalization and rational use of water resources; Environmental standardization of milk and bread.

As a result, the program master course should take the following competencies:

know: the system of international, European, intergovernmental and national standards; environmental standards for the content of their requirements for products, processes, services, environment and human life; system of environmental labeling signs, products, processes and services;

be able to: apply theoretical knowledge of standardization regarding environmental requirements of the environment, the quality of products, processes or services and independently assess the quality of the objects of the environment; recognize signs labeling for products that represent environmental subjects, calling for the preservation of the environment and reflect the danger for the subject of the environment; organize work on creation of standards for products, processes, services, technical terms.

The use of European standards of education, international experience and innovation in the field of ecology during training undergraduates – the key to quality training qualified professionals and researchers.

References:

1. Voytsytskyy AP. Rationing anthropogenic load on the environment...: Zhytomyr State Agrarian University, 2005.– 132p.
2. Klimenko MA, Skrypchuk P.M.. Metrology, Standardization and Certification in ecology. Kyiv.: Academy, 2006.– 365p.
3. Ladyzhenskii VM Telyura N.O.. Ecological standardization and certification...: KSAME Kharkiv, 2009.– 24sec.