

STATE EMERGENCY SERVICE OF UKRAINE
UKRAINIAN RESEARCH INSTITUTE OF CIVIL PROTECTION
NATIONAL INSTITUTE FOR STRATEGIC STUDIES
NATIONAL ACADEMY OF SCIENCES
INSTITUTE OF MATHEMATICAL MACHINES AND SYSTEMS PROBLEMS
INSTITUTE OF TELECOMMUNICATIONS AND GLOBAL INFORMATION
SPACE
INSTITUTE OF ENVIRONMENTAL GEOCHEMISTRY
RESEARCH INSTITUTE OF FIRE AND TECHNICAL EXPERTISE
Bratislava, Slovak Republic
ACADEMY OF SAFETY AND HEALTH BASICS
MATEJ BEL UNIVERSITY BANSKÁ BYSTRICA
in Banská Bystrica, Slovak Republic
ARMED FORCES ACADEMY OF GENERAL MILAN RASTISLAV ŠTEFÁNIK
in Liptovsky Mikulas, Slovak Republic
SAFETY SCHOOL OF PUBLIC AND INDIVIDUAL "APEYRON"
in Krakow, Poland
UNIVERSITY OF SECURITY MANAGEMENT
in Koshice, Slovak Republic



**INTERNATIONAL
SCIENTIFIC - PRACTICALLY CONFERENCE**

**«ACTUAL PROBLEMS OF MODELING RISKS AND THREATS OF
DISASTERS OCCURRING IN CRITICAL INFRASTRUCTURES»**

**20-21 April 2015
Kiev, Ukraine**

INFORMATION NOTICE

DEAR COLLEAGUES,

We invite you to take part in the International scientific-practical conference "Actual problems of modeling of risks and threats of emergencies on critical infrastructure."

THE CONFERENCE AIMS

The main purpose of the international scientific-practical conference "Actual problems of modeling of risks and threats of emergencies on critical infrastructure" is the exchange of experience of research, organizational, scientific and practical work in the field of security and civil protection, which will strengthen the image of the scientific potential of Ukraine, establish effective scientific and technical cooperation on civil protection and protection of critical infrastructure.

CONFERENCE TOPICS

- Theoretical Foundations of risk modeling.
- Methods for modeling technological and environmental risks.
- Technical assessment procedures and risk management for critical infrastructure.
- Technical assessment procedures and management of fire risks.
- Mathematical and computer modeling of threats and risks to critical infrastructure.
- Information, communication and monitoring technology in security management tasks.
- Study of the risks and threats in the education system.
- Forecasting methods and assessment of military threats.
- Models of training of the population under the threat of emergencies.

RESEARCH PROGRAM

The scientific program consists of plenary lectures (20 min.) And the report on the sections (10-15 min.). According to the results of the conference will be published collection of scientific articles (with ISSN). Conference languages: Ukrainian, Russian, English, Polish, Slovak, Czech.

MEETING AND MEETING OF THE CONFERENCE

- Round table "European integration, security and risks in Civil Protection" - areas of cooperation.
- Bilateral and multilateral meetings with the leaders of the Ukrainian Research Institute of Civil Protection (UkrRICP) and other research and higher education institutions.

ORGANIZING AND PROGRAM COMMITTEES:

Organizing Committee:

Chairman of the Organizing Committee: major General of Civil Defense Agency KROPYVNITSKIY Vitaliy, Head of the Ukrainian Research Institute of Civil Protection (UkrRICP), Ukraine;

Co-Chair of the Organizing Committee: Corresponding Member of the National Academy of Sciences of Ukraine, Academician of the National Academy of Pedagogical Sciences of Ukraine, Doctor of Physical and Mathematical Sciences, Honoured Worker of Science and Technology of Ukraine, DOVGY Stanislav, Director of the Institute of Telecommunications and Global Information Space;

Co-Chair of the Organizing Committee: Corresponding Member of National Academy of Science of Ukraine, Doctor of Engineering Sciences, Professor LYSYCHENKO Georgiy, Director of the State Institution "Institute of Environmental Geochemistry of National Academy of Sciences of Ukraine" (IEG);

Vice-President: YEVDIN Oleksandr, First deputy of Head of the Ukrainian Research Institute of Civil Protection (UkrRICP), Ukraine;

Vice-Chairman: Colonel of Civil Defense Agency Boris Oleksandr, deputy of Head of the Ukrainian Research Institute of Civil Protection (UkrRICP), Ukraine.

Committee members from the Slovak Republic:

- Colonel Prof. Pavel NECHAS, Permanent Mission of the Slovak Republic in the European Union, Brussels, Belgium;
- General, prof. Miroslav KELEMEN, Rector of the University of Security Management in Košice, Slovak Republic;
- Lt. Col., PhD. Stefan GALLA, Director of the Research Institute of Fire and Technical Expertise in Bratislava, Slovak Republic;
- Assoc. Prof., PhD. Rastislav KAZANSKY, Head the Department of Security, University of Matey Bell in Banska Bystrica, Slovak Republic.

The members of the Committee of the Republic of Poland:

- PhD Juliush PIWOWARSKI, Rector of the Safety School of Public and Individual "APEYRON" in Krakow, Poland;
- Prof. dr hab. Jan MACIEJEWSKI, University of Wroclaw, Poland;

Committee members from the Czech Republic

- Prof. dr hab. Victor PORADA, Higher School in of Karlovy Vary, Czech Republic;
- doc. JUDr. Vladimír Zoubek, CSc., LL.M., MBA, Higher School in of Karlovy Vary, Czech Republic;
- prof., Ing., DrSc. Bedřich Šesták, Department of crisis management of Police Academy of the Czech Republic in Prague.
- doc. Ing., DrSc. Jozef Sabol, Department of crisis management of Police Academy of the Czech Republic in Prague.

Committee members from Bulgaria

- Prof. Nencho NENOV, Rector of the Higher Transport University of Todor Kableshkov, Sofia;

The members of the Committee of Ukraine:

- Corresponding Member of the National Academy of Sciences of Ukraine, Doctor of Engineering, Professor, TROFYMCHUK Oleksandr, Deputy Director for Science of the Institute of Telecommunications and Global Information Space;
- Doctor of Physics and Mathematics, Professor, KLIMENKO Vitaly, Director Institute Deputy of Science Work of the Institute of Mathematical Machines and Systems Problems NAS of Ukraine (IMMSP NASU).
- TD, NIKULIN Oleksandr, Head of the research center of innovative technologies of the Ukrainian Research Institute for Civil Protection (UkrRICP), Ukraine;

Program Committee:

- 📖 doc. RSDr. Jozef MATIS, PhD., Head the Department of social sciences and languages, Armed Forces Academy of General Milan Rastislav Štefánik, Liptovsky Mikulash, Slovak Republic;
- 📖 PhDr. Maria MARTINSKA PhD, Department of social sciences and languages, Armed Forces Academy of General Milan Rastislav Štefánik, Liptovsky Mikulash, Slovak Republic;
- 📖 doc. František ŠKVRNDA, Department of International Political Relations University of Economics in Bratislava, Slovak Republic;
- 📖 prof. Joseph REITSPIES, PhD., Department of Civil Security, University of Security Management in Košice, Slovak Republic;
- 📖 col. doc., Samuel UHRIN, CSc., Department of criminology, Academy of the Police Force in Bratislava, Slovak Republic;
- 📖 prof. Vojtech JURČÁK, CSc., Head of the Security and Defence Department, Armed Forces Academy of General Milan Rastislav Štefánik, Liptovsky Mikulash, Slovak Republic;
- 📖 PhD. Pavel BUCHKA, Armed Forces Academy of General Milan Rastislav Štefánik, Liptovsky Mikulash, Slovak Republic;
- 📖 prof. Janush Tomashewsky, Higher School of Administration and Business, Poland;
- 📖 TD, Senior Scientist CHUMACHENKO Sergey, Head of the department of the Ukrainian Research Institute for Civil Protection (UkrRICP), Ukraine;
- 📖 TD, prof., LYSENKO Alexander, leading researcher of the Ukrainian Research Institute for Civil Protection (UkrRICP), Ukraine;
- 📖 TD, prof., LEBEDEV Vladimir, Professor of academic department of Structural Materials Technology and Material Engineering of Odessa National Polytechnic University;
- 📖 A.P., Dr.sc.agr. Vasiliy ZAPLATINSKIY, Ukrainian National Physical Education and Sport University, President of the Academy of Health and Safety of Ukraine.
- 📖 Tsybulnik Alexey, Chief Specialist of the Secretariat of the Cabinet of Ministers of Ukraine, Academician AHSU;
- 📖 Prof. MD, Valentina PRILYPKO, National Research Center for Radiation Medicine of NAMS of Ukraine, Ukraine.

📖 A.P., TD, URYADNIKOVA Inga, Senior Scientist of the Ukrainian Research Institute for Civil Protection (UkrRICP), Ukraine;

Drafting Committee:

- Nikulin Alexander - T.D., Senior Scientist;
- Chumachenko Sergey - T.D., Senior Scientist;
- Kutovoy Oleg - PhD, Senior Scientist
- Uryadnikova Inga - Ph.D., Associate Professor;
- Kodrik Anatoliy – PhD, Senior Researcher;
- Kirpach Nikolai - Ph.D., Senior Researcher;
- Nedbayev Nikolai - Ph.D., Senior Researcher;
- Kirchu Fedor - Ph.D., Associate Professor;
- Novikov Oleg - Ph.D, Senior Researcher;
- Bagrov Alexander;
- Gulienko Valery;
- Shetskin Grigoriy;
- Titenko Alexander;
- Karmazin Sergey.

Technical drafting group conference:

- Teslenko Alexander - Major of Civil Defense Agency;
- Karmazin Sergey - ml. 1-t. of Civil Defense Agency.

As the secretariat of the conference "Actual problems of modeling of risks and threats of emergencies on critical infrastructure" performs Ukrainian Research Institute of Civil Protection (UkrRICP), Research Center for Innovative Technology of the UkrRICP
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Participation in the conference

To participate the conference is April 15, 2015, to send to the Organizing committee of the conference:

- an application for participation in the conference (attached);
- abstracts (performances);
- expert opinion on the possibility of open publication of abstracts.

Each participant may be the author (co-author) is not more than two papers (presentations).

Materials reports will be published in the Collection of scientific works of the Ukrainian Scientific-Research Institute of Civil Protection, edition of which will take place

in May 2015. The full texts of the articles can be sent to the Organizing Committee of the conference or to pass upon registration

APPLICATION FORM
International research-to-practice conference
"Security in the Civil Protection"
09/23-25/2014

* Name (Middle name), Surname, titles (degree, rank) _____

* Educational institution/organization _____

Department/Unit _____

Post _____

Address of organization _____

*Contact address _____

Phone _____ Fax _____

*E-mail _____

* Desirable form of participation:

personal commitment with a report; personal commitment without a report;

virtual participation

* Publication of scientific article:

I want to publish my scientific article in the collection of articles;

I don't want to publish my scientific article.

Author(s) and the name of the report: _____

reservation is required; self-reservation; reservation is not required

from ___ to ___ September 2014 r.

single room; double room; other

Wishes: class hotel (number of stars), class room (economy, standard, junior suites, lux, expected price of the room) _____

Please send a completed application form here: SecurityForum@yandex.com

REQUIREMENTS FOR REPORTS

- The published collection of articles contains scientific articles matching the thematic direction of the research-to-practice conference.
- Languages: Ukrainian, Russian or English (at option of author).
- Content of articles must contain the theoretical and experimental results of researches, as well as the completed dissertation researches. Scientific articles should be practical and have the following essential elements:
 - General problem in and its connection to important scientific or practical problems;
 - Analysis of recent researches and publications initiating the solvation of this problem that are used by the author;
 - Accentuation of the unsolved aspects of the general problem covered by the article;
 - Formulation of the purposes of the article (problem);
 - Summary of the basic research material with complete justification of scientific results;
 - Conclusions and prospects for further researches in this direction.
- Articles must be edited and signed by the author. Proofreading shall not be sent to the author.
- The size of the article must be of 5-7 text pages, including abstract, illustrations, tables and references.
- Manuscripts must be typed in a text editor Microsoft® Word for Windows™: A4 format (210 × 297 mm); 12 font size, Times New Roman; single-spaced; paragraph - 1.25 cm; margins: left – 2.5 cm, right - 1.5 cm, upper - 2.3 cm and lower - 2.0 cm; headers and footers: upper - 1.2 cm, lower - 1.2 cm; without numeration of pages.
- Figures should be clear (no greater than 17 × 17 cm).
- Formulas should be printed using the integrated formula editor Microsoft® Equation.
- Abbreviations and symbols of physical quantities must comply with international standards. Letter symbols in the formula should be written out with indication of units of measure.
- Numbering of formulas must be continuous (number must be indicated in parentheses at the right edge of the text). Formulas are separated with a blank line above and below.
- Charts, diagrams, histograms, etc., are recommended to be performed with the integrated diagram editor Word.
- Tables and figures are separated from the main text by blank lines.
- Captions under the pictures and table titles must be performed according to SSU 3008-95 Documentation. Reports in the field of science and technology.
- Content of the article must be sequenced as follows:
 - UDC category (in the left edge of the text on the separate line);
 - In a line - the initials and the surname of the author(s) (in italics, initials and surname first letter are printed with a capital letter in the left edge of the text); specify the scientific degree and academic title after the author's name in an abbreviated form. The abbreviation

must be performed according to the GOST 3582-97 Abbreviations in the Ukrainian language in the bibliographic description.

General requirements and rules:

- In a line - the title of the article (capital letters, boldface type, centered);
- In a line - abstract in the article language (recommended size - no more than 500 characters) including profile of the main theme, main problems, the purpose and results of the work, as well as scientific novelty information (centered, single-spaced, 10 font size);
- In 2 lines - the main text of the article (single spaced, 12 font size);
- In a line after the text - a list of references (the phrase "References" is centered in bold italic);
- The references, performed as a citation, must be listed in order of citation. The references must be marked with ordinal numeral in square brackets, for example [1]. The references are performed in the original language.

Bibliographic data are presented according to GOST 7.1-84 Bibliographic description of the document. General requirements and rules.

- The article must have attached the initials and the surname of the author(s), scientific degree and academic title as well as title and abstract of the article performed on a separate page and a separate file on the Russian and English.
- **The author bears the responsibility for the content and design of the article.** Articles that will not meet the requirements or receive a negative review will be rejected. The decision to publish the manuscript is accepted by the editorial board of the Bulletin. Manuscripts are not recovered to the authors.
- The phone number or email address of the author(s) must be indicated obligatory.