



*Welcome
to the EcoForum-2008*

ENVIRONMENT AND HUMAN HEALTH

THE SECOND
SAINT-PETERSBURG
INTERNATIONAL
ECOLOGICAL FORUM

1 - 4TH JULY, 2008
SAINT-PETERSBURG, RUSSIA



FOUNDERS OF THE ECOFORUM-2008 "ENVIRONMENT AND HUMAN HEALTH"

- North-West Department of the Russian Academy of Medical Sciences
- Saint-Petersburg Government
- Ministry of Health Protection and Social Development of Russia
- Ministry of Education and Science of Russia
- EMERCOM of Russia
- Federal Agency for Science and Innovations
- Branch of Physical Chemistry Biology of the Russian Academy of Sciences
- JSC Russian Railways
- Ministry of Defence of the Russian Federation
- Institute of Experimental Medicine of the Russian Academy of Medical Sciences
- Saint-Petersburg Medical Academy of Postgraduate Studies
- Russian Military Medical Academy named by S.M.Kirov
- Saint-Petersburg State Medical Academy named by I.I. Mechnikov
- All-Russian Center of Emergency and Radiation Medicine named by A.M. Nikiforov of the EMERCOM of Russia
- Influenza Research Institute of the Russian Academy of Medical Sciences
- Djanelidze Research Institute of Emergency Medicine
- Institute of Human Ecology and Environment Hygiene named by A.N.Sysin of the Russian Academy for Medical Sciences
- The Joint Russian-Vietnam Tropical Research and Test Center

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Kuropatenko M.V.

Maslennikov I.A.
Pshenkina N.N.
Shilov V.V.

Dear Ladies and Gentlemen!

The Second Saint-Petersburg International Ecological Forum «Environment and Human Health» will take place in Saint-Petersburg, Russia on July 1-4, 2008.

The First Ecological Forum took place in the year of the 300th anniversary of St.Petersburg in summer 2003, and became a significant scientific and public event with the participation of the scientists from Russia and 25 other countries. The wish to provide its regular carrying out in Saint-Petersburg was expressed in the Forum's resolution. I am pleased to mark this event as the recognition of St.-Petersburg to be the native land of the modern ecological thinking. Here V.I. Vernadsky had founded the basis of the doctrine on biosphere and noosphere.

The scientific program of the EcoForum-2008 presents new strategies, scientific areas and achievements in preservation of the well-being of the environment and human health.

It is my pleasure to invite you to our remarkable city and to wish successful work, health and well-being to the future participants of the Second Saint-Petersburg International Ecological Forum.

Saint-Petersburg's Governor Valentina Matvienko



A handwritten signature in black ink, which appears to read "V. Matvienko".

INVITATION FROM THE ECOFORUM-2008 ORGANIZING COMMITTEE

Dear colleagues!

On behalf of the Organizing Committee we invite you to participate in The Second Saint-Petersburg International Ecological Forum "Environment and Human Health", which will be held on July 1-4th, 2008 in Saint-Petersburg, Russia.

Leading specialists in such areas as clinical ecology, toxicology, toxicogenomics, radioecology, biological safety, terrestrial and extraterrestrial ecological physiology will take part in the EcoForum-2008. Plenary lectures will be delivered by the scientists from many countries: Russia, EC, Baltic, USA, Far and Middle East and others. The main purpose of the EcoForum-2008 is scientific discussion on environment factors - radiological, chemical, biological and climatic-natural and its effects on human health. The joint Plenary Sessions and independent Congresses on each denoted risk factor will be held in the forum's framework. Poster session, Round table discussions, the exhibition of the laboratory equipment, medicinal technique, pharmacological supports are also a part of the EcoForum-2008's program.

We sincerely hope that humanistic trend, high scientific level of the EcoForum-2008, delightful sights of our city and our warm hospitality will guarantee that you will have exclusively useful and nice time in Saint-Petersburg - the world scientific and cultural center.

With kind regards to you all,



Academician of the RAMS
Nikolay A. Beliakov



Professor
Oleg E. Sergeev



Academician of the RAMS
Genrikh A. Sofronov



Professor
Iury A. Shcherbuk

ECOFORUM-2008 CONGRESSES TOPICS

ECOTOXINS AND HUMAN HEALTH

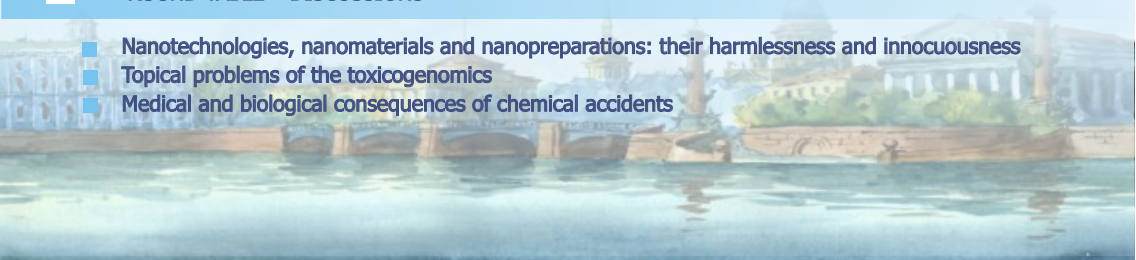
- Chemical pollutants: effects on humans and the natural environment
- Chemical kinetics of ecotoxins in the environment
- Inorganic and persistent organic pollutants and human health
- Biomarkers of the toxic effect of chemical pollutants
- Biomarkers of exposure to chemical agents: clinical and epidemiological applications
- Chemical accidents: health impacts, social costs, and emergency response
- Mechanisms of ecologically dependent health effects
- Harmful effects of toxicants on the endocrine system (phytoestrogens, phthalates, dioxins)
- Environmental and genetic effects of chronic exposures to ecotoxins
- Toxicogenomics and gene-environment interactions
- Paradoxical effects as a problem of ecological toxicology
- Problems in detection, treatment and prevention of chemical pollution induced diseases
- Nanotechnology, nanomaterials, nanopreparations and human health
- Food and toxicological problems
- Adverse reproductive and developmental effects of toxic substances
- Chemical hazards of the workplace
- Risk assessment and remediation of contaminated environments

PROBLEMS OF RADIATION ECOLOGY AND HUMAN SAFETY

- Nuclear power systems and safety problems
- Radiation safety in atomic industry
- Recent advances in radiobiology: latest data on radiation-induced molecular damage; free radicals and biomolecules; radiobiological effects in human cells, tissues and whole bodies
- Recent advances in radioecology
- Radiation protection: physiological underpinning of human body protection; modern approaches to prevention and mitigation of detrimental radiation effects; radioprotective agents and other countermeasures
- The largest radiation accidents of modern times: main hazards to nature and man
- Hygienic and epidemiological aspects of radiation accidents: dosimetry and risk assessment
- Biomedical consequences of radiation accidents and problems in diagnostics, therapy and recovery of victims
- Social and psychological problems of radiation accidents
- Emergency preparedness and medical response to radiation accidents

«ROUND TABLE» DISCUSSIONS

- Nanotechnologies, nanomaterials and nanopreparations: their harmlessness and innocuousness
- Topical problems of the toxicogenomics
- Medical and biological consequences of chemical accidents



ECOFORUM-2008 CONGRESSES TOPICS

ECOLOGY OF MICROORGANISMS AND BIOLOGICAL SAFETY OF MAN

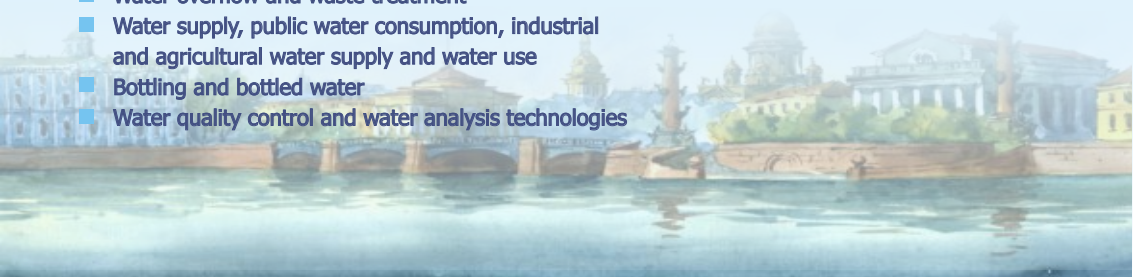
- Global biohazards and pandemic diseases: systems of surveillance and public health response
- Ecology of microorganisms (prions, viruses, bacteria, fungi, protozoa)
- Human microecology: a view through the perspective of bio-safety
- New and recurrent infections in the context of bio-safety
- Genetically modified microorganisms: prospect of development and possible threats
- Safety problems in transplantology and transfusiology
- Countermeasures to biological and infectious threats: development and implementation
- Food ecology and safety
- Immunobiological medicines: quality and safety control, prospect of use
- Challenges in the development and introduction of vaccines in the present world
- Possibilities of enhancing resistance to biological hazards: evidence based medical achievements
- Global bio-hazardous agents counteraction system
- Biosafety in the present world: strategy and tactics of human survival
(scientific and public biosafety organizations, WHO, programs, international cooperation, standards, problems of teaching)

CLIMATE AND HUMAN HEALTH

- Climatic zones and human health: Arctic, the tropics, arid desert
- Global climate changes and human health
- Impact of global warming on health and ecology: risk assessment and risk management
- Mechanisms for the human health effects of terrestrial and cosmic weather
- Meteosensitivity: health and occupational effects
- Methods of measuring and monitoring the unfavorable effects of terrestrial and cosmic weather on human health
- Current problems of extraterrestrial ecological physiology
- Cosmic weather effects in special cohorts (aircrews, astronauts, high altitude dwellers)
- Methods of preventing and treating the health effects of unfavorable climatic conditions

DRINKING WATER AND HUMAN HEALTH

- Water and human health: social and hygienic monitoring and prevention of infections spread by water way
- Water resources protection (surface and ground waters)
- Informational technologies for water preparation
- Water overflow and waste treatment
- Water supply, public water consumption, industrial and agricultural water supply and water use
- Bottling and bottled water
- Water quality control and water analysis technologies



ECOFORUM - 2008 SCHEDULE

- July 1** – Plenary Lectures, Afternoon Opening Ceremony and Welcome party;
- July 2** – Morning and Afternoon Plenary Sessions, Poster Session;
- July 3** – four Congresses sessions, Symposium on Water Ecology, "Round tables", Poster Session;
- July 4** – Morning Plenary Session, Closing Ceremony and Conference dinner.

ECOFORUM-2008 HOLDING PLACE

Plenary Sessions and Congresses, Exhibition and Poster session will be held in the Park Inn Pribaltiyskaya located on the Vasil'evskiy Island in one of the most beautiful Saint-Petersburg's areas.

ECOFORUM-2008 EXHIBITION

The exhibition of the medicines for treatment, chemicals for risk assessment and ecological technologies demonstrating compact equipment for determination and remediation of contaminated environments will be organized within the framework of the EcoForum-2008.

The EcoForum-2008 exhibition will be placed in the hotel halls and it will allow forum's participants to visit it during all working days. Parallel translation from English to Russian and from Russian to English will be provided for exhibitors if they will specify this service in exhibitors form. Anybody interested in exhibiting may familiarize oneself with the conditions of participating on the special pages of the forum website.

REQUESTS FOR PARTICIPATING IN ECOFORUM-2008

The compulsory condition for participating in the EcoForum-2008 is your registration through website: www.ecoforum2008.com
Please fill in necessary electronic forms:

- Abstract submission form;
- Participation form;
- Hotel accommodation form.

ABSTRACTS SUBMISSION RULES AND PUBLICATION OF THE MATERIALS

Report abstracts should be placed in electronic format on the forum's website for reviewing by Scientific Program committee. It's your free choice to present your materials in English or both in English and Russian. Detailed registration and submission rules are presented on the website: www.ecoforum2008.com

Written notice about submission status will be sent to each applicant before 20th of February, 2008. Please take into account that the abstract will be published in EcoForum-2008 Proceedings only if the Conference fee is paid by author. Forum's Materials will be published in a separate enclosure to the "Medical Academic Journal".





MAIN ECOFORUM-2008 DATES

- October 15, 2007** - the beginning of the abstracts' submission
- October 15, 2007** - the beginning of the participants registration
- February 1, 2008** - abstracts' deadline
- February 20, 2008** - authors' notification
- March 15, 2008** - deadline for early registration
- July 1, 2008** - EcoForum-2008 opening



REGISTRATION FEE

Dates	Before 15.03.2008	After 15.03.2008
Full participant	400 €	450 €
Accompanying persons	300 €	350 €

Registration fee for full participants includes EcoForum-2008 Materials, abstracts publication, participating in all sessions and congresses, visiting the Forum's Exhibition, two coffee-breaks and lunch every day, simultaneous translation from Russian to English and from English to Russian languages during all working sessions, welcome party and Conference dinner.

Accompanying person's registration fee includes visiting the Forum's Exhibition and Poster session, welcome party and Conference dinner, excursion around the city.

Each participant is expected to pay the Conference fee. Other expenditures are optional. The optional payments include the cost of the Conference dinner and/or the cost of the excursions which will be offered within the cultural program. These payments can be made on the spot (in St.Petersburg) either in cash or within a credit card. For details, please, visit the forum's website: www.ecoforum2008.com



PARTICIPANT'S ACCOMMODATION

Various hotels will be offered to the EcoForum-2008 participants. Accommodation in the Park inn Pribaltiyskaya and in other hotels on Vasil'evskiy Island will make it easier to reach the forum's working place in a short time.



ECOFORUM-2008 SOCIAL PROGRAM

Excursion around the City, excursions to the famous museums and palaces will be offered to the forum's participants and guests. All the guests have a chance to get unforgettable impressions during the night walk along the city's rivers and channels. One can get acquainted with the detailed social program description and make reservations at the EcoForum-2008 website pages.



Official languages of the EcoForum-2008:
English and Russian



*We sincerely look forward to greeting you
at the Second Saint-Petersburg International Ecological Forum
"Environment and Human Health"
in July 2008 in Saint-Petersburg, Russia*

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