

«The Slow-Flooding – 2003»

Second Science & Practice Conference & Exhibition:

**«URGENT ISSUES
ON SOLVING THE PROBLEM
OF SLOW-FLOODING
BY GROUNDWATER
IN THE CITIES
AND SETTLEMENTS»**

(of UKRAINE)

Kharkiv, Ukraine - October 28-31, 2003



under scientific sponsorship
of the International Association
of Hydrological Sciences



basing in the Ukrainian State Research Institute
on the Water Management and Environment Problems
«UkrWodGeo»

First Invitation and Call for Abstracts & Papers



Flooded area in building site since the site work was stopped in early 1990s



Marshland flora around a house



A house that has been damaged by the slow flooding



Snow water floods a street drain in one-family houses block



The slow flooded vegetable garden

These pictures of the slow flooding episodes in Kharkiv have been given kindly by Dr. George Strizhelchik (Institute 'UkrNDINTV') and Dr. Oleksandr Chebanov (Institute 'UkrWodGeo')

The slow flooding of a territory is being developed along with groundwater (aquifer water) table rising up to the soil surface, and it is indicated by soils moistening, and swamping, and flooding of low places. Causes of the slow flooding might to be natural (climate changes, geomorphological or geological processes) as well as artificial, which caused by human activities. Slow flooding facilitates groundwater pollution, suffosion, soil subsidence, and landslides formation. Emergency events are accompanied by real estate flooding and damaging, and rarely with fatal accidents, and those events follow the unfavorable climatic anomalies, but in accordance with long-term observations the risk of disastrous slow flooding tends stably to increase in Ukraine.

The former Soviet Union countries had been faced with problem of the slow flooding by groundwater of urban and industrial areas in early 70s of XX century, and currently in each of these countries the slow flooding have become the nation-scale environmental problem. There are up to 11% slow flooded areas of whole urbanized area in Ukraine. About 260 cities/towns and 280 settlements are slow flooded subjects, which especially are located in Northern-Eastern and Southern territories, and in Donets-Dnieper industrial region. Under some assessments up to 20% of inhabitants are residents of slow flooding risk areas in Ukraine.

As it becomes understandably, acuity of the slow flooding problem in Ukraine and in other post-Soviet countries is result of both man-caused impact and socio-economical conditions. These countries had been faced with the necessity of qualitative changes in approaches for solving environmental problems. Introduction of sustainable development principles includes economical transformations, environmental policy improving, forcing of social programs, investors attracting, and participation of NGOs

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Urgent Issues on Solving the Problem of Slow-Flooding ..

History

The first conference had taken place in 1998, and as a result it had been developed and approved the Integrated Program on the Liquidation of Slow Flooding Consequences in the Areas of the Cities and Settlements..

Purpose

..a goal of the Second Conference it is assistance in promotion of an effective policy and a strategy for solving the slow flooding problem in the National scale, as a challenge for whole environment

Initiators

- State Committee on Building and Architecture of Ukraine;
- State Committee on Housing and Public Utilities of Ukraine;
- The Ministry of Environment and Natural Resources of Ukraine;
- All-Ukrainian Environmental League;
- The Kharkiv Oblast State Administration;
- Kharkiv Municipal Authorities;
- Kharkiv State Academy on Municipal Engineering;
- Scientific Educational Centre«Environment & Science & Technology»;
- Scientific & Industrial Firm «Ecopolimer»;
- Ukrainian Research Institute on Scientific and Engineering Surveying «UkrNDINTV»;
- Ukrainian Research & Design Institute on Municipal Economy;
- Ukrainian State Research Institute on the Water Management and Environment Problems «UkrWodGeo».

Welcome

We are welcome to take the Conference Presidium Chairs and to participate in the conference meetings and exhibition for the head persons and representatives of agencies, companies, professional and scientific associations, foundations, NGOs, regional and municipal authorities and services, Universities, scientific and innovation centers, research & design institutions, .., and independent researchers, lawyers, public mans, and observers... from anywhere – domestic, and foreign, and international.

Key Topics under Discussion:

- recognition the slow flooding problem on a rank of National environmental problem and developing the National action plan to solve the problem;
- finding a strategy and the main directions of actions plans to improve the situation with urban areas slow flooding;
- holding the sustainable development principles, and environmental standards (including international standards) as a real way to solve the slow flooding problem;
- necessary corrections for the State legislation and for the agencies' regulations to achieve the environmental standards compliance with preconditions of solving the slow flooding problem;
- realizing the economical mechanisms and favorable investment climate for involving shared cost funds to the environmental projects;
- international cooperation and innovation environmental projects in connection with the slow flooding problem;
- the slow flooding problem in the framework of public utilities reform;
- social programs connected with the slow flooding problem;
- innovative engineering solutions, equipment, and technologies targeted for prevention and protection against the slow flooding;
- the monitoring and integrated management of the slow flooded areas in the cities and settlements;
- possibilities to transform the slow flooded residential areas into the category of recreation or refuge territories.

Sessions & Sections

There will two plenary sessions (opening ceremony and concluding meeting) and four concurrent sections during the conference. The following subjects for the sections meetings have been planned:

- 1) Strategic planning, legislative and economic policy in connection with the slow flooding problem;
- 2) The slow flooding as an environmental problem;
- 3) Slow flooding problem and the reform of town-planning and housing policy, and the public utilities reform;
- 4) Innovative engineering solutions, materials, equipment, and technologies should be introduced for environmental projects at urban areas.

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Venue

The Conference will be held at the Kharkiv State Academy of Municipal Engineering campus and at the «UkrWodGeo» Institute building. Both the Academy and the Institute are situated in the heart of the Kharkiv City downtown, amid various museums, parks, historic places, and remarkable buildings of the Ukrainian Churches. Kharkiv's wide ranges of theatres, art galleries, cafés, restaurants and shops are also within easy reach. The weather in late October is not stable in the site, it could be rainy or frosty down to - 10°C (14°F), and an average temperature of about 0°C (32°F).

Travel and Accommodations

There are good links to the Kharkiv from Borispol International Airport nearby Kyiv. Kharkiv Airport takes out limited number of Austrian Airlines international flights. The conference site commutes well with major railways and motorways. Delegates will be expected to make their own travel arrangements, and further information on travel to Kharkiv will be provided to all registrants. Superior quality accommodations are available in the various stars hotels in downtown Kharkiv. Reduced cost lodging will be provided in the hostel. The conference organizing committee will support the hotels/hostel reservations since September.

Fees

The conference fees for international guests will be in order of \$300 (or equal in Euro) including access to all sessions, one print of volumes materials, minor souvenirs, cafe brakes, and the conference banquet and dinners. Registration for (postgraduate-) students will be offered at a reduced fee. Accommodation will be charged for separately. Appropriate prepayment methods are check (should be received until September 15, 2003) and money transfer. Payment details will be given in the Second Circular (August, 2003). Credit cards will be acceptable in the site. Look for more details our web-site.

Social Program

The social program will include a Conference Banquet, a tour around the city historical places, and offer of the various entertainment events. A package of activities will also be organized for accompanying persons. Further details will be published in the Second Circular.

Technical Scope

There are two types of discussion during the sections: oral reports (not exceeds 15 minutes) and poster papers (5 minutes for speech presentation).

Working time of the conference will be continued four days:

First day: arriving and accommodation of the guests; registration desk; the students conference*; and opening the exhibition;

Second day: opening ceremony and session; sections sessions*;

Third day: sections sessions;

Fourth day: concluding meeting; round table; informal communication; tours;

Fourth/fifth days: departing of the guests.

* Best reports of the students conference will be recommended for second day sections, and the authors will be awarded;

** Sessions will be taking 6-8 hours during the second and third days.

Exhibition and Presentations of the Companies

3-day technical exhibition on the Conference themes will be held during the conference. Presentations by the companies will be included to the conference program. The advertising and trade marks of the sponsors will be placed on the panels, posters and banners, and included to the printed materials. Ask organizers about the terms.

Technical Organizing Committee

- **Grigoriy Semchuk**, Head of the State Committee on Housing and Public Utilities of Ukraine;
- **Anatoliy Bercuta**, Deputy Head of the State Committee on Building and Architecture of Ukraine;
- **Leonid Shutenko**, Rector of the Kharkiv State Municipal Academy;
- **Sergey Razmetayev**, Director of the «UkrWodGeo» Institute, Head of Kharkiv Branch of the All-Ukrainian Environmental League.

Executive Secretaries:

Mariya Korovina, Director of the «Environment.Science.Technology» Center, Kyiv;

Oleksandr Chebanov, Head of the Land Priotectional Engineering Laboratory in the«UkrWodGeo» Institute, Kharkiv.

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Call for Abstracts & Papers

The volumes of abstracts and of full size papers will be published until the conference started.

The abstracts of not more 1000 words (up to 3 printed pages) in Ukrainian, Russian, or English should be sent to one of the Organizing Committee addresses indicated below by E-mail, or recorded to floppy disk, or printed sharply enough for scanning.

It is strongly required the following information about author(s):

family name and initials (if speaker then full name in the format: family name, given name, middle name or patronymic); position; institution or company; mailing address (street address, ZIP, country name), e-mail address, report type (oral or poster presentation), and the **section subject** (one of the mentioned above).

The same requirements are in force for the student conference participants.

The papers volume of about 300 pages will contain selected papers concerned the conference key topics. The papers of not more 15 printed pages should be prepared following the authors' guides of the scientific journals. Electronic copies of the papers in Word format are required.

For Ukrainian authors of papers it is required to represent abstracts in Russian and English, and is desirable to provide 'expertny vysnovok' and references.

International authors should submit abstracts for papers in Russian or English.

Electronic registration and abstracts submission are available at the conference Web site.

The papers which fit the problem in the best way will be published (brief versions) in the special periodical issues of the 'Environmental Bulletin' (color pictures are available) and the 'Environment Ecology and Safe Vital Activity'.

Deadline for the abstracts and papers is September 30, 2003

Calendar and main events

July 2003 - First Invitation;

August 2003 - Second Circular;

September 15, 2003 - deadline for the checks receiving;

September 30, 2003 - deadline for abstracts and papers submission;

October 15, 2003 - deadline for money transfer payments.

Conference web site

For further information and updates please visit the Web site of «The Slow-Flooding - 2003» Conference & Exhibition at www.geocities.com/SlowFlood2003.

Registration and abstract submission also available at this web site.

To find the Conference announcement and registration desk in Ukrainian and Russian please visit Web Site of the «Environment.Science.Technology» Center at www.eko.org.ua .

Enquiries should be addressed to:

Dr. Oleksandr Chebanov

The Land Protectional Engineering Lab

Water Management & Environment Problems Institute «UkrWodGeo»

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E-mail: uwodgeo@ukrpost.net

**Working languages of the Conference
will be Ukrainian, Russian and English.**

**Special volume in English will be printed, and synchronous
interpretation service (into English only) will be provided
for international guests.**

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THE PROBLEM OF SLOW-FLOODING
BY GROUNDWATER IN THE CITIES
AND SETTLEMENTS» (of UKRAINE)

October 28-31, 2003 Kharkiv, UKRAINE

E-mail: uwodgeo@ukrpost.net

Please detach and send to:
Dr. Oleksandr Chebanov
The Land Protectional Engineering Lab
Water Management & Environment
Problems Institute «UkrWodGeo»
6 Shevchenko Street, Office 205
Kharkiv 61013, UKRAINE

or fax +38 (057) 243-1156, 247-0055

Authors

I wish to offer an abstract/ paper (title and synopsis overleaf).
I or a co-author will present it in person.

Delegates

I am unable to offer a paper, but I would like to
attend. Please send me further details.

Exhibitors

Please send me details of stand dimensions, prices
and facilities as soon as they are available.

Please type or use block capitals:

From: Prof./Dr/Mr/Ms/ ...

(delete as appropriate)

Family Name _____

Given Name _____

Middle Initial (or Name or Patronymic) _____

Organization/Company _____

Tel. _____

Fax _____

Street Address _____

Email _____

City _____ **Zip Code** _____

Signature _____

Country _____

Date _____

Urgent Issues on Solving the Problem of Slow-Flooding in the Cities and Settlements of Ukraine

Offer of paper

Deadline for abstracts/papers: 30th September 2003

Section:

Report type: Oral/poster
(delete as appropriate)

Title:

Author(s) and affiliation(s):

Abstract (<1000 words, *attach additional sheets or paper as appropriate*):



Kharkiv views
www.kharkov.com/indexengl/

