

**WORKSHOP ON GEOMECHANICAL AND  
GEODYNAMIC ASPECTS  
OF HIGH-EFFICIENCY EXTRACTION OF  
COALMINE AND COALBED METHANE**

**20-22 September, 2006, VNIMI, St. Petersburg**

An aerial photograph of a city, likely Denver, Colorado, showing a large river (the Platte River) winding through the urban landscape. The city is surrounded by mountains, and the sky is clear. The image is used as a background for the text.

## **THE OBJECTIVES OF THE WORKSHOP ARE TO:**

- **DEFINE PRIORITY DIRECTIONS FOR THE DEVELOPMENT OF MORE EFFICIENT AND EFFECTIVE METHANE DEGASIFICATION TO ENSURE SAFE MINING OPERATIONS**
- **TO IMPROVE THE INVESTMENT PROFILE OF COALBED METHANE AND COALMINE METHANE PROJECTS TO ENCOURAGE GREATER IMPLEMENTATION OF THESE TYPES OF PROJECTS**



## **MAIN TOPICS OF THE WORKSHOP:**

**TOPIC 1. IMPROVING THE RECOVERY EFFICIENCY OF COALBED METHANE PRODUCTION FROM UNMINED COAL SEAMS**

**TOPIC 2. IMPROVING THE EFFICIENCY OF METHANE EXTRACTION FROM ACTIVE AND AND ABANDONED COAL MINES**

A photograph of a park with autumn trees and statues. The scene is filled with trees whose leaves have turned yellow and orange. In the foreground, there are several white statues of figures in classical attire, standing on dark pedestals. The ground is covered with fallen leaves. The overall atmosphere is serene and picturesque.

## **ORGANIZERS:**

- **PROMGAZ CO.**
- **VNIMI**
- **UNECE WORKING PARTY ON GAS**
- **UNECE AD HOC GROUP OF EXPERTS ON COAL MINE MINE**
- **MINISTRY OF SCIENCES (RF)**
- **RUSSIAN COMPANIES:**
  - **GAZPROM**
  - **SEVERSTALRESURS**
  - **SIBERIAN COAL COMPANY**
  - **Other**



## **TOPIC 1**

### **IMPROVING THE RECOVERY EFFICIENCY OF COALBED METHANE PRODUCTION FROM UNMINED COAL SEAMS**

- **EXAMINATION OF AVAILABLE TECHNOLOGIES FOR THE EXPLORATION OF METHANE-BEARING COAL DEPOSITS FOR THE PURPOSE OF SELECTING THE PROMISING AREAS FOR PILOT-SCALE AND COMMERCIAL-SCALE PRODUCTION**
- **IDENTIFICATION AND CHARACTERIZATION OF HIGH GAS-CONTENT DISTRICTS IN THE GAS-BEARING COAL SEAMS AND SURROUNDING STRATA**
- **OPTIMAL TECHNOLOGIES TO RESPOND TO OUTGASSING IN COAL SEAMS UNDER CERTAIN GEOLOGICAL AND MINING CONDITIONS**

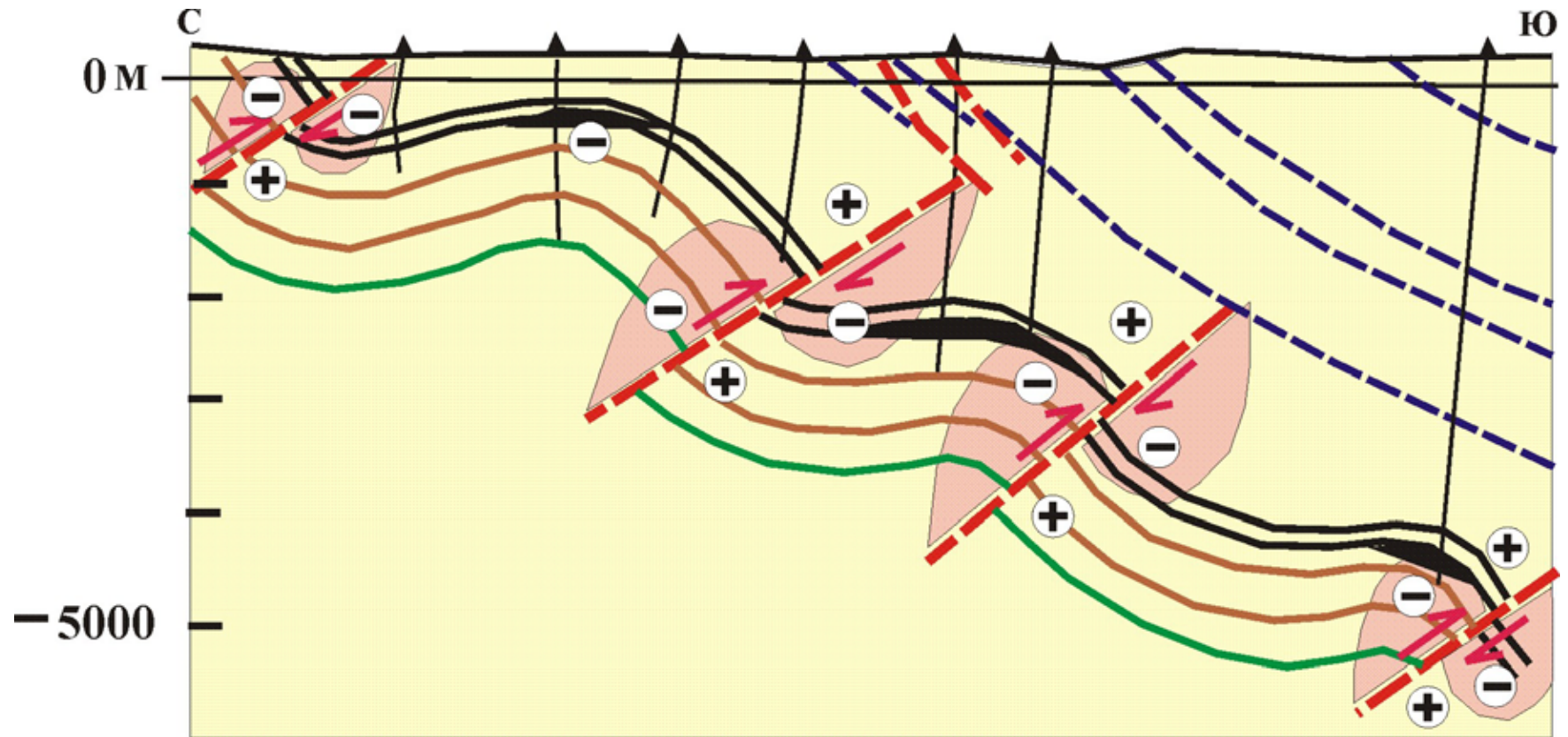
# PILOT PROJECT OF PRODUCING AREA (Kuzbass)

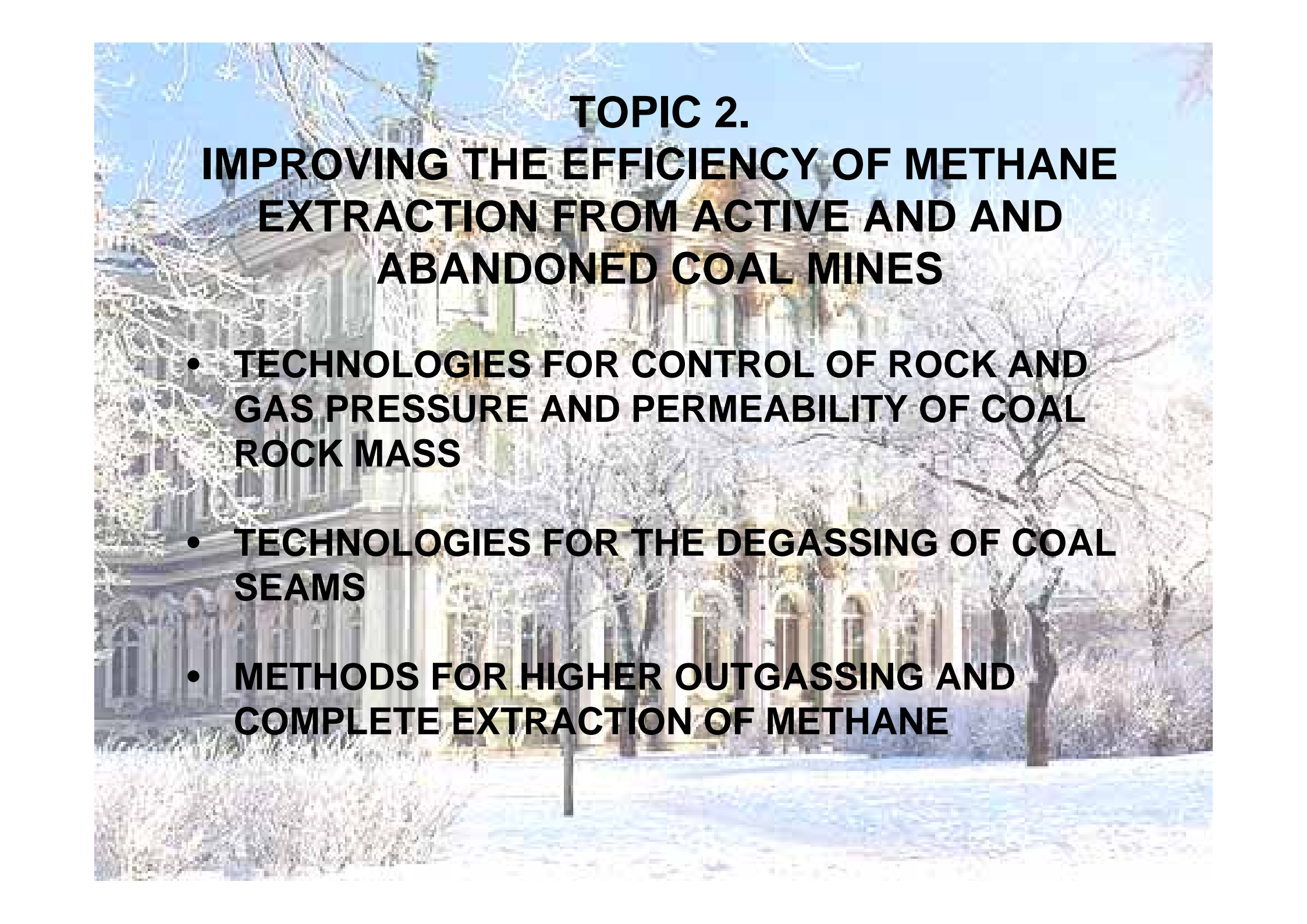




**PILOT PROJECT  
OF PRODUCING AREA  
(Kuzbass)**

# SELECTION OF PRODUCING WELL SITES



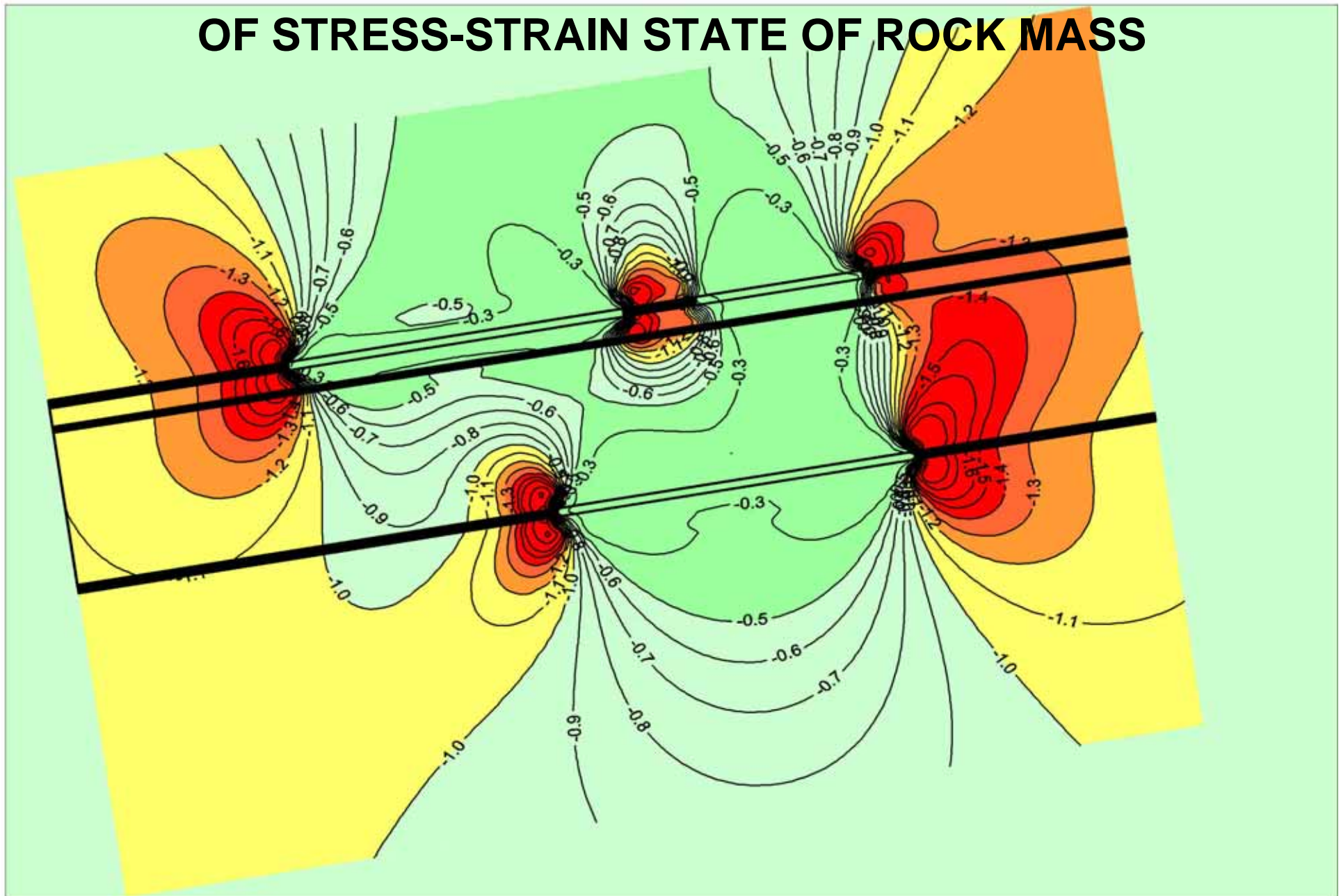


## **TOPIC 2.**

# **IMPROVING THE EFFICIENCY OF METHANE EXTRACTION FROM ACTIVE AND ABANDONED COAL MINES**

- **TECHNOLOGIES FOR CONTROL OF ROCK AND GAS PRESSURE AND PERMEABILITY OF COAL ROCK MASS**
- **TECHNOLOGIES FOR THE DEGASSING OF COAL SEAMS**
- **METHODS FOR HIGHER OUTGASSING AND COMPLETE EXTRACTION OF METHANE**

# REGIONAL SCHEME OF CONTROL OF STRESS-STRAIN STATE OF ROCK MASS



# PROGRAMME OF THE WORKSHOP

- 19.09** Arrival of the Workshop participants
- 20.09** 10<sup>00</sup>–10<sup>15</sup> – Opening Ceremony  
10<sup>15</sup>–13<sup>00</sup> – Topic 1  
13<sup>00</sup>–15<sup>00</sup> – Lunch hour  
15<sup>00</sup>–18<sup>00</sup> – Topics 1, 2
- 21.09** 10<sup>00</sup>–13<sup>00</sup> – Topic 2  
13<sup>00</sup>–15<sup>00</sup> – Lunch hour  
15<sup>00</sup>–18<sup>00</sup> – Visits to VNIMI Laboratories.  
Excursion to Mineralogical Museum of the Mining Institute
- 22.09** 10<sup>00</sup>–13<sup>00</sup> – Round table  
Resolution acceptance  
13<sup>00</sup>–15<sup>00</sup> – Lunch hour  
15<sup>00</sup> – Sightseeing tours of St. Petersburg City and its suburbs
- 23.09** 10<sup>00</sup> – Sightseeing tours of St. Petersburg City and its suburbs  
Departure of the participants



# EXCURSION TO MINERALOGICAL MUSEUM



# VISITS TO THE LABORATORIES OF VNIMI



# SIGHTSEENG TOUR OF ST. PETERSBURG



# EXCURSION TO ST. PETERSBURG SUBURBS



# ACCOMMODATION AT THE “PRIBALTIYSKAYA” HOTEL



## Prices:

Single room	110\$
Double room	130\$
Lux	190\$
Apartments	285\$
Dinner	15\$
Supper	15\$
Transfer “Airport (Railway station) - Hotel”	40\$
Transfer “Hotel - VNIMI”	8\$



**REGISTRATION FORM  
WORKSHOP  
GEOMECHANICAL AND GEODYNAMIC ASPECTS  
OF HIGH-EFFICIENT EXTRACTION OF MINE AND COAL METHANE**

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**St. Petersburg, Russian Federation  
20-22 September, 2006**

**Mr. Arkady SHABAROV**

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*Please complete this form and return it to the following addresses:*

Tel. +7 812 321 96 09  
Fax +7 812 321 95 94  
[post@vnimi.ru](mailto:post@vnimi.ru)

Surname \_\_\_\_\_ First name \_\_\_\_\_

Country/Organization \_\_\_\_\_

Mailing address \_\_\_\_\_

Tel./Fax \_\_\_\_\_ E-mail \_\_\_\_\_

I wish to present a paper on the topic \_\_\_\_\_

Accompanying persons \_\_\_\_\_

I wish to participate in the sightseeing tour  Yes  No

Arrival in St. Petersburg on: \_\_\_\_\_ September, 2006

Flight No.: \_\_\_\_\_ time: \_\_\_\_\_

I wish to reserve a single/double room in (name of hotel): \_\_\_\_\_

From \_\_\_\_\_ to \_\_\_\_\_ September, 2006 ( \_\_\_\_\_ nights)

Date \_\_\_\_\_ Signature \_\_\_\_\_