



FEDERAL BUDGET ORGANIZATION  
STATE COMMISSION ON MINERAL RESERVES



## PROGRAMME OF THE INTERNATIONAL CONFERENCE (DRAFT) THE ISSUES OF EXPERT EVALUATION OF MINERAL RESERVES IN THE LIGHT OF COOPERATION WITH INTERNATIONAL CLASSIFICATIONS.

WITH THE SUPPORT OF:

MINISTRY  
OF NATURAL RESOURCES  
OF RUSSIA

FEDERAL AGENCY  
ON MINERAL RESOURCES

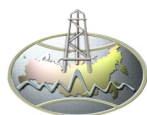
UNITED NATIONS ECONOMIC COMMISSION  
FOR EUROPE

OPERATOR OF THE CONFERENCE:

EUROPEAN UNION OF THE EXPERTS  
IN SUBSOIL (EUES)

THE OFFICIAL MEDIA PARTNER:

SCIENTIFIC-TECHNICAL MAGAZINE  
"SUBSURFACE MANAGEMENT"



The international conference «Issues of expert evaluation of mineral reserves in the light of cooperation with international classifications» is included in the list of workshops UNECE.

### DAY 1, MAY 30 2017, PLACE: «EXPOCENTRE»

**9:00 – 10:00** Registration of participants, welcoming coffee

Looking over historical, geological and technological expositions at the exhibition dedicated to the 90th birthday of Federal Budget Organization "State Commission on Mineral Reserves"

**10:10** Film about State Commission on Mineral Reserves

**10:20** General session

Opening speech:

**Kiselev Evgeniy** – Deputy Minister of Natural Resources and Ecology, Chief of Federal Agency on Mineral Resources

**Kozlovskiy Evgeniy** – Doctor of Engineering Science, vice president of Russian Academy of Natural Sciences, member of the First Mining Soviet in Russia, professor, Senior Research Associate in Russian State University of geological survey (MGRI-RGGU)

**11:10 – 11:30** **Shpurov Igor** – General Director of FBO «State Commission on Mineral Reserves», the first vice-chairman of the Bureau Expert Group on Resource Classification (EGRC UNECE). State Commission on Mineral Reserves. Historical background. The current state. Perspectives of development

**11:30 – 11:50** **Scott Foster**, Director, Sustainable Energy Division  
United Nations Economic Commission for Europe

**11:50 – 12:10** **Varlamov Alexey**, General Director of FSBO «VNIGNI»,  
President of Association in Geological Organizations  
Strategy of geological study and replacement of hydrocarbon reserves in Russia

**12:10 – 12:30** **David G. MacDonald**, Vice-president in reserves of British Petroleum,  
Chairman of the Bureau Expert Group on Resource Classification  
United Nations Framework Classification for Resources: A Bridge to Better Communication

**12:30 – 12:50** **Vygon Grigoriy**, Managing Director of company «Vygon Consulting»  
The key focus areas in oil and gas industry regulation within the new reserves classification

**12:50 – 13:10** **Mark P. Howson**, PERC Executive Secretary  
The Requirements and Role of a Competent Person in reporting Mineral Resources and Reserves

**13:10 – 13:30 Michael U.C. Neumann**, EFG Vice-president  
The European Federation of Geologists and the Concept of the European Geologist

**13:30 – 14:30 Coffee break**

**14:30 – 17:00 Two Workshops on solid minerals and hydrocarbon reserves**  
**Room 1 - (Debating chamber) - section on hydrocarbon reserves**  
**Room 2 - (Conference hall) - section on solid minerals**

**Moderators:**

**Shpilman Alexander** – V.I.SHPILMAN RESEARCH AND ANALYTICAL CENTRE  
FOR THE RATIONAL USE OF THE SUBSOIL

**Saakyan Maxim** – Deputy Director General of FBO «State Commission on Mineral Reserves»

**Co-moderator: David G. MacDonald**, – Vice-president in reserves of British Petroleum,  
Chairman of the Bureau Expert Group on Resource Classification (EGRC UNECE)

**14:30 – 14:50 Shpilman Alexander**, V.I.SHPILMAN RESEARCH AND ANALYTICAL CENTRE  
FOR THE RATIONAL USE OF THE SUBSOIL

Estimation of non-conventional oil reserves in the light of new classification of reserves  
in Russian Federation (on the example of Bagenov formation of ZapSib NGP)

**14:50 – 15:10 Sigurd Heiberg**, Chairperson of Petronavit a.s.  
Beyond Classification – Managing Resources Sustainably

**15:10 – 15:30 Brilliant Leonid**, General Director of CJSC «TING»  
Methodical basis of oil recovery calculation of Bagenov formation reserves

**15:30 – 15:50 Viktorov Evgeniy**, «GAZPROMNEFT»  
Knowledge Management System – a method for knowledge assets monetization

**15:50 – 16:10 Knowledge Management System**, General Director of «ROXAR services»  
Complex modeling and estimation of petroleum assets in the conditions of indeterminacy.  
Vision, technological possibilities and modern challenges

**16:10 – 16:30 Nurgaliev Danis** (KFU), **Talipov Ilshat** (ROSGEO), **Sudakov Vladislav** (KFU)  
The technology of petroleum refining under the earth: the perspectives of non-traditional hydrocarbons'  
reserves' implication, increase of oil recovery rate till possible n theory limit

**16:30 – 17:00 Discussion**

**14:30 – 17:00 Section on solid minerals**

**Moderators:**

**Shkil Vyacheslav** – Deputy Director General in FBO «State Commission on Mineral Reserves»

**Shumkov Sergey** – Deputy Director General in Department of coal  
and petroleum industry Minenergy in Russia

**Co-moderator: Charlotte Griffiths** – Chief of Section, Sustainable Energy Division  
United Nations Economic Commission for Europe

**14:30 – 14:50 Roger Dixon**, Expert of United Nations Economic Commission for Europe  
The CRIRSCO International Reporting Template and its relationship with UNFC

**14:50 – 15:10 Voropaev Valentin**, Deputy Director General in FBO «State Commission on Mineral Reserves»  
State expert review of reserves. The results of work in the Department of metals  
and nonmetallic mineral resources 2007 - 2017.

**15:10 – 15:40 Jeff Elliott**, Chief stockholder and managing Director of international company «CSA Global»  
Due diligence: understanding of risks and identifying successful perspectives.  
International approaches to the mining-and-geological planning

**15:40 – 16:00 Ryabyh Dmitriy**, General Director of the companies' group «Alt-Invest»  
Financial simulation of mining projects and identifying economic attractiveness of reserves

**16:00 – 16:20 Janne Hokka**, Geological Survey of Finland (GTK), expert of United Nations  
Economic Commission for Europe  
Implementation of UNFC-2009 in Geological Survey of Finland

**16:20 – 16:40 Kushnarev Petr**, senior scientific officer in VIMS  
The role of government expert review of conditions feasibility study and reserves in modern conditions

**16:40 – 17:00** **Kochergin Andrey** – academic secretary in multiregional public organization  
«Society of experts in subsoil»  
Government expert review: from rational use of mineral resources to the project management of taxes

**17:00 – 19:00** **Buffet supper**

## **DAY 2, 31 MAY, 2017. WORKING IN SECTIONS**

### **ROOM 1 - (DEBATING CHAMBER) - SECTION ON HYDROCARBON RESERVES**

### **ROOM 2 - (CONFERENCE HALL) - SECTION ON SOLID MINERALS**

**9:00 – 10:00** **Welcome coffee**

**10:00 – 12:00** **Section on hydrocarbons**

**Moderators:**

**Shpilman Alexander** – V.I.SHPILMAN RESEARCH AND ANALYTICAL CENTRE  
FOR THE RATIONAL USE OF THE SUBSOIL

**Bratkova Vera** – Chief of the Department of monitoring, analysis and methodology  
in FBO «State Commission on Mineral Reserves»

**10:00 – 10:20** **Brehuntsov Anatoliy**, General director of «SibNac»

Hard-to-recover reserves and non-conventional objects of hydrocarbons in Western Siberia

**10:20 – 10:40** **Davydov Andrey, Saakyan Maxim** «State Commission on Mineral Reserves»

New classification of reserves. Results of design and oil field development during 2016

**10:40 – 11:00** **Morozov Vasiliy**, General Director in FSBO «ZapSibNIIIGG»

Pre-Jurassic complex- new challenges of geological exploration in Siberia

**11:00 – 11:20** **Shimanskiy Vladimir**, General director in «Geologorazvedka»

Sedimentological criteria in evaluation of hard-to-recover reserves

**11:20 – 11:40** **Bratkova Vera** - Chief of the Department of monitoring,  
analysis and methodology in FBO «State Commission on Mineral Reserves»

New methodical decisions used for reserves evaluation

**11:40 – 12:00** **Gorbachev Yaroslav**, chief geologist in «Salym Petroleum Development N.V. (SPD)»,

**Chernyakov Vladimir**, Chief Technology Officer's counsellor  
in Salym Petroleum Development N.V. (SPD)

A look into the future of SPD: the potential growth of the resource base

#### **Section on solid minerals**

**Moderators:**

**Shkil Vyacheslav** – Deputy Director General in FBO “State Commission on Mineral Reserves”

**Lazarev Alexander** – chief geologist in Federal Budget Organization  
“State Commission on Mineral Reserves”

**10:00 – 10:20** **Saganyuk Vladimir**, Chief Specialist of the Department of monitoring,  
analysis and methodology in FBO “State Commission on Mineral Reserves”

Project of new classification in solid minerals. Final stage

**10:20 – 10:40** **Lazarev Alexey**, deputy manager of Department of metals and nonmetallic mineral resources  
Improving conditions' economic background for the reserves estimate  
of solid minerals during government expert review

**10:40 – 11:00** **Malukhin Grigoriy**, senior scientific officer of VIMS

The Russian and International Minerals Reporting Systems Integration

**11:00 – 11:20** **Almendinger Olga**, regional manager in consulting of “Micromine”

«Switching to the Institute of Competent Person. Strengths and Weaknesses»

**11:20 – 11:40** **Guskov Oleg**, professor of Gubkin Russian State Oil and Gas University

Methodical recommendations for managing and control of the quality run of fields' mine assaying  
in solid minerals

**11:40 – 12:00** **Spiridonov Igor**, director of IMGRE

Peculiarities of stock records of solid minerals

**12:00 – 13:00** Coffee break

## THE CONTINUATION OF WORKSHOPS.

### section on hydrocarbon reserves

**13:00 – 13:20** Chizhikov Sergey , Ingenix group

Ways to the organize the system of independent technical-and-economic evaluation of the perspectives hydrocarbon reserves and resources development

**13:20 – 13:40** Povzhik Petr, Deputy Director General on geology in "BELORUSNEFT"

Hard-to-recover and non-conventional reserves: evaluation and exploration

**13:40 – 14:00** Gutman Igor, General director of "IPNE"

Opportunities for new Russian classification of reserves for audit of deposit reserves

**14:00 – 14:20** Shandrygin Alexander, deputy director of the Department DeGolyer and MacNaughton

World experience in classification of non-conventional hydrocarbon reserves

**14:20 – 14:40** Petersilie Viktor , Poroskun Vladimir, Fortunatova Natalia., Komar Natalia., Shvetz-Teneta-Guriy A.

The procedure of reserves sedimentation of domanik type

**14:40 – 15:00** Shklover Vladimir, Director of "Systems for microscopy and analysis"

From image to model – from model to practice

**15:00 – 15:20** Kalistratov Alexey, Alexandrov Denis Schlumberger,

New possibilities of complex quantitative interpretation of LWD in horizontal wells for geological modeling and reserves estimation

**15:20 – 16:00** Discussion

### Section in solid minerals

**13:00 – 13:20** TSNIGRI

The perspectives of use improvement of raw materials and resource base in the light of new classification

**13:20 – 13:40** Pyzhyanov Sergey, chief geologist of Mirny Exploration Expedition ALROSA

Mineral raw materials base of Russia and directions of its compensation

**13:40 – 14:00** Shumkov Sergey, deputy director of the coal and peat department Minenergo in Russia

**14:00 – 14:20** Никандров Алексей Николаевич, Генеральный директор ООО «Мирамайн»

Блочное моделирование как альтернатива традиционным методам подсчёта запасов

**14:20 – 16:00** Discussion