



International Workshop on the United Nations Framework Classification for Fossil Energy and Mineral Reserves and Resources (UNFC-2009)

**29-30 September 2011
Ankara, Turkey**

Organized by

United Nations Economic Commission for Europe (UNECE)
Ministry of Energy and Natural Resources of Turkey – General Directorate of Mining Affairs
(MIGEM)
General Directorate of Turkish Coal Enterprises (TKİ)
General Directorate of Mineral Research and Exploration (MTA)

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The objectives of this two-day Workshop are:

- (i) to review the current state-of-the-art in mineral resource classification systems;
- (ii) to build capacity on UNFC-2009;
- (iii) to assess the possibility for the application of UNFC-2009 to Turkish mineral resources, and
- (iv) to obtain comprehensive information about the practical application of UNFC-2009

Background:

The United Nations Framework Classification for Fossil Energy and Mineral Reserves and Resources (UNFC) is a universally applicable scheme for classifying petroleum and solid minerals (including energy minerals) reserves and resources and is currently the only classification in the world to do so. As with extractive activities, UNFC-2009 reflects conditions in the economic and social domain, including markets and government framework conditions, technological and industrial maturity and ever present uncertainties. It provides a single framework on which to build international energy and mineral studies, analyze government resource management policies, plan industrial processes and allocate capital efficiently.

UNFC-2009 is a generic principle-based system in which quantites are classified on the basis of the three fundamental criteria of economic and social viability (E); field Project status and feasibility (F); and geological knowledge (G), using a numerical and language independent coding scheme. Combinations of these criteria create a three-dimensional system. UNFC-2009, which can either be applied directly or used as a harmonising tool, is the successor to UNFC-2004. The revision process has resulted in a simplified and user-friendly version of the classification with generic high-level definitions. These are designed to ensure alignment with other widely used systems in the extractive industries – such as the Committee for Mineral Reserves International Reporting Standards (CRIRSCO) Template; and the Society of Petroleum Engineers (SPE)/World Petroleum Council(WPC)/American Association of Petroleum Geologists(AAPG)/ Society of Petroleum Evaluation Engineers (SPEE) Petroleum Resource Management System (SPE-PRMS) – and to facilitate mapping with other classification systems.

Turkish Coal Enterprises (TKI) initiated participation in UNFC studies after publishing the first version of the UNFC for Solid Fuels and Mineral Commodities in 2001, following the United Nations ECOSOC recommendation to all UN member countries to apply the Classification to their coal and mineral sectors (ECOSOC Decision 1997/226). In 2004 ECOSOC issued a similar recommendation to all UN member countries to apply the revised UNFC for fossil energy and mineral reserves i.e. now extended to oil, gas and uranium (ECOSOC Decision 2004/233).

The classification system used in Turkey is mainly based on geological knowledge. There is a necessity to use an international code for classifying reserves/resources. This issue has been highlighted in the Turkish Parliamentary Mining Research Commission's report on “Coal Mining Problems and Necessary Measures to be Taken”, which was published in May 2010. This Workshop will offer a forum to discuss the adaptation and adoption of the UNFC to Turkish mineral resources. A key focus of the Workshop will be the practical application of the UNFC in other countries.

Workshop languages:

Simultaneous interpretation in English and Turkish will be provided.

Registration:

If you wish to participate in the Workshop, please kindly complete the attached Registration Form and submit by e-mail: mucella.ersoy@gmail.com or ersoy@tki.gov.tr by **09 September 2011**. There is no registration fee.

Preliminary Programme:First Day: Setting the Context

- Introduction (opening and welcome speeches)
- Purpose of resource classification, fundamental principles and system applications
- Overview of UNECE, ECOSOC, UNFC and Expert Group on Resource Classification (EGRC)
- Current state-of-the art of resource classification in Turkey
- Resource classification from Turkish Mining Law perspectives
- Development and detailed review of UNFC-2009
- Stakeholder requirements: Governments, financial reporting, business processes, and energy statistics
- Overview of UNFC for mineral resources and status of UNFC studies in Turkey
- Overview of UNFC for petroleum resources
- Overview of the CRIRSCO Template and its relationship with UNFC-2009
- EuroGeoSource project

Second Day: Examples and Practical Applications/Discussion

- Invited speakers for application of the UNFC to mineral resources
- Open discussion of way forward
- Round table discussion: (What can Turkey learn from the other countries? How can Turkey move forward to adapt and adopt an international resource code?)
- Closing session

Abstracts and Outline of Presentations:

The Organizing Committee kindly invites speakers to submit a one page abstract and a "Presentation Outline" by e-mail: mucella.ersoy@gmail.com by **15 August 2011**.

Workshop Venue:

Ankara Hilton SA,
Tahran Cad. No:12 06700, Kavaklıdere, Ankara, TURKEY

Accommodation:

Ankara has a wide array of hotels. Special rates for Workshop participants are offered at the Ankara Hilton SA:

- Single room including breakfast: 229 TL + VAT
- Double room including breakfast: 269 TL + VAT

Another option is TKI's Guesthouse: US\$ 25 (including breakfast)

Social Activities:

Welcome Reception: 28 September 2011

Workshop Dinner: 29 September 2011