



**United Nations/Turkey/European Space Agency
Workshop on Space Technology Applications for Socio-Economic Benefits**

**Hosted by
The Scientific and Technological Research Council of Turkey (TUBITAK)**

**In cooperation with
The International Society for Photogrammetry and Remote Sensing (ISPRS) and
The National Aeronautics and Space Administration (NASA)**

Istanbul, Turkey

14-17 September 2010

<http://www.tubitak.gov.tr/spaceworkshop>

1. Background

The last three decades of the 20th century has witnessed space technology finding increasing application and relevance in daily life, to the point where, nowadays, space applications are an indispensable part of the modern information society. Space-based systems deliver information and services that protect lives and the environment, enhance prosperity and security, and stimulate industrial and economic development.

Education, Capacity building and space and society initiatives will be pursued to ensure that Turkey develops the requisite human capital to support national space activities, including the development of space application products and services. The policy also promotes enhanced space awareness at all levels of society as a means to build public understanding of the societal benefits of space technology.

It is also necessary to create favourable public perceptions guided towards supporting and raising funds for the sustainable space programs, to create awareness of space activities and its benefits to society, to ensure the incorporation of the space related developments into even ordinary people's daily lives.

2. Objectives and Expected Outcomes

The Workshop will contribute to international cooperation by providing opportunity to exchange updated information on Space Technology Applications for Socio-Economic Benefits.

The specific objectives and expected outcomes of this workshop are to:

- address principles for national, regional, and international cooperation in space technology development and its applications;
- explore socio-economic benefits of using satellite remote sensing (including InSAR), satellite communications and GNSS;
- strengthen regional awareness, information and data exchange networks on the use of space technology;
- discuss the means, mediums and tools to create awareness among public, to outreach public, to promote and to attract public support about space programs, space activities and space technologies;
- initiate pilot projects for joint work at the regional and international level;
- develop ideas on space technology and infrastructure for research application, education, industry, space-based and ground-based space facilities and the establishment of space culture within the society.

3. Preliminary programme of the Workshop

The programme will include plenary sessions and sufficient time for discussions among participants to identify the priority areas where pilot projects should be launched and examine possible partnerships that could be established.

As a preliminary suggestion the following sessions will be organised:

- Thematic Sessions:
 - **Capacity building in space technologies:** Contemporary education systems on space science and technology, science and society activities for promoting space awareness, etc.
 - **Remote sensing applications:** Earth observation from space for natural and human induced hazards; case studies and lessons learned (earthquakes, sea pollution, etc.)
 - **GNSS applications and satellite communication**
 - **Regional and international cooperation**

Tentative Program

14 September 2010, Tuesday

09:00 -10:00	Registrations
10:00- 12:30	Welcome speeches
12:30-14:00	Lunch
14:00-18:00	Session 1

Theme 1: Capacity building in space technologies

19:00-22:00 Welcome reception and Concert (Hosted by TUBITAK)

15 September 2010, Wednesday

09:30 -12:30 Session 2

Theme 2: Remote sensing applications

12:30- 14:00 Lunch

14:00- 18:00 Session 3

Theme 2: Remote sensing applications

16 September 2010, Thursday

09:30 -12:30 Session 4

Theme 3: GNSS applications and satellite communication

12:30-14:00 Lunch

14:00-18:00 Session 5

Theme 3: GNSS applications and satellite communication

19:00-22:00 Gala Dinner

17 September 2010, Friday

09:30 -12:00 Round Table Discussions

Theme 4: Regional and international cooperation

Conclusion and Recommendations

4. Expected participants

The Workshop is being planned for a total of 100 participants including policymakers, decision makers and senior experts from the following groups: international, regional, national and local institutions, governmental institutions, research and academic institutions, multi-lateral and bi-lateral development agencies, non-governmental organizations, and industry.

5. Participation requirements

Participants should be in senior managerial or decision-making responsibility at governmental agencies, universities, national and regional institutions, non-governmental organizations or industry.

6. Language of the Workshop

The working language of the Workshop will be English.

7. Location of the Workshop

The Workshop will be held in Hotel Ramada İstanbul / Turkey

<http://www.ramadaplazaistanbul.com/>

8. Financial support

Within the limited financial resources available, a limited number of selected participants will be offered financial support to attend the Workshop. This financial support will defray the cost of travel (a round trip ticket – most economic fare – between the airport of international departure in their home country and Istanbul, Turkey) and/or the room and board expenses during the duration of the Workshop.

Funded participants will receive detailed information upon notification of their selection.

9. Deadline for Submission of Applications

The completed application form, properly endorsed by applicant's government/institution, should be mailed to:

Office for Outer Space Affairs
United Nations Office at Vienna
Vienna International Centre
P.O. BOX 500
A-1400 Vienna, AUSTRIA
Phone: (+43 1) 26060- 4948
E-mail: unpsa@unvienna.org

to reach the Office **no later than 16 July 2010**.

To accelerate processing of your application, you should also email to unpsa@unvienna.org or fax an advance copy directly to the Office for Outer Space Affairs, United Nations Office at Vienna, fax: (+43-1)-26060-5830. Only complete applications, with all the requested information and signatures, will be considered.

Applications received later than the deadline will be considered, but applicants will not be eligible for financial support.

Online application for the Workshop is also available. We encourage all candidates to apply for the Workshop online, as it helps us to streamline the processing of applications as well as helps applicants to save their time. The online application form can be accessible at:

<http://www.oosa.unvienna.org/oosa/en/SAP/act2010/un-turkey/index.html>

10. Life and health insurance

Life/major health insurance for each of the selected participants is necessary and is the responsibility of the candidate or his/her institution or Government. The co-sponsors will not assume any responsibility for life and major health insurance, nor for expenses related to medical treatment or accidents.

11. Points of contact

For information regarding the agenda and programme of the Workshop, please contact **Mr. Levent Canturk**, United Nations Office for Outer Space Affairs.

E-mail : Levent.Canturk@unvienna.org
Telephone: (+43-1) 26060-5748
Fax: (+43-1) 260607-5748

The focal points for Turkey:

Mr.Cihan Kızıltan, The Scientific and Technological Research Council of Turkey,

E-mail: kiziltan@uekae.tubitak.gov.tr, uidb@tubitak.gov.tr
Telephone: (+90-312) 428 4756
Fax: (+90-312) 427 7483

Dr. Mustafa Helvaci, The Scientific and Technological Research Council of Turkey.

E-mail: Mustafa.Helvaci@tubitak.gov.tr
Telephone: (+90-312) 468 5300 Ext. 1149
Fax: (+90-312) 427 7483

12. Additional Information

Workshop's page on the website of TUBITAK: <http://www.tubitak.gov.tr/spaceworkshop>

For up-to-date information on this activity please refer to the Office for Outer Space Affairs website at <http://www.unoosa.org>

For more information on The Scientific and Technological Research Council of Turkey website at <http://www.tubitak.gov.tr/>