

**United Nations/Moldova/United States of America Workshop on the
Applications of Global Navigation Satellite Systems**

Chisinau, Moldova, 17 – 21 May 2010

PROGRAMME

Monday, 17 May 2010

08:00 *Registration of Participants (Hotel Jolly Alon)*

11:00 Opening and Welcome Remarks, and Key Note presentation

- Mr. Vasile GRAMA, *General Director, Agency for Land Relations and Cadastre of the Republic of Moldova*
- Mr. Valeriu LAZAR, *Deputy Prime Minister, Ministry of Economy of the Republic of Moldova*
- Mr. Gheorghe DUCA, *President of Academy of Sciences, the Republic of Moldova*
- Mr. Dorin CHIRTOACA, *Mayor of the Chisinau Municipality, the Republic of Moldova*
- Mr. Hans HAUBOLD, *United Nations Office for Outer Space Affairs*
- Mr. Jeffrey AUERBACH, *United States of America*

11:00 ▪ *High Precision GNSS: a World of Applications and Process Innovation, Mr. Jeff HAMILTON, Trimble, United States of America*

11:30 *Coffee Break*

**12:00 Presentation Session 1
Global Navigation Satellite Systems**

Chair: Mr. Alexandru BADEA, Romania
Rapporteur: Ms. Saida SALAHOVA

- 12:00 ▪ *United States GNSS Update, Mr. Jeffrey AUERBACH, United States of America*
- 12:20 ▪ *GLONASS Update, Ms. Ekaterina OLEJNIK, Russian Federation*
- 12:40 ▪ *International Committee on Global Navigation Satellite Systems, Ms. Sharafat GADIMOVA, United Nations Office for Outer Space Affairs*

13:00 *Lunch Break*

**14:30 Presentation Session 2
GNSS Reference Station Systems and Services**

Chair: Mr. Yuri FEDULOV, Belarus
Rapporteur: Ms. Gohar GEVORGYAN, Armenia

14:30 ▪ *European Position Determination System (EUPOS) status report, Mr. Gerd ROSENTHAL, Germany*

GNSS Applications

Chair: Mr. Renato FILJAR, Croatia

Rapporteur: Ms. Tarana ATAKISHIYEVA, Azerbaijan

- 11:30 ▪ Aviation benefits of GNSS augmentation, *Mr. Jeffrey AUERBACH, United States of America*
- 11:50 ▪ Progress of positional accuracy of orthophoto maps based on GPS/INS systems, *Mr. Mircea JUC, Romania*
- 12:10 ▪ State of the art in mobile terrestrial laser scanning systems in Romania and at international level, *Mr. Vlad – Gabriel OLTEANU, Romania*
- 12:30 ▪ Approaches to GNSS applications in Belarus' large-scale farm production, *Mr. Yuri FEDULOV and Mr. Sergey RESHETNIK, Belarus*
- 13:00 *Lunch Break*

14:30

Presentation Session 5

Initiatives/Experiences of the Use and Implementation of GNSS Technology

Chair: Mr. Janis ZVIRGZDS, Latvia

Rapporteur: Ms. Nestan BEJANISHVILI, Georgia

- 14:30 ▪ GNSS as a component of national infrastructure, *Mr. Renato FILJAR, Croatia*
- 14:50 ▪ Integrated geodetic infrastructure as a support to national and international GNSS projects: case study of the Geodetic Observatory Pecny, *Czech Republic, Mr. Pavl NOVAK, Czech Republic*
- 15:10 ▪ Present situation of precise real-time GNSS positioning market in Moldova, *Mr. Andrei IACOVLEV, Moldova*
- 15:30 *Coffee Break*

16:00

Discussion Session 2

Developing Partnerships and Networks

Moderators: UN OOSA and Moldova

- Discuss plans, framework for a mechanism of regional cooperation; follow-up projects and initiatives.

18:00 *Adjourn*

Wednesday, 19 May 2010

09:00

Presentation Session 6

Education and Training in the Use and Applications of GNSS Technologies

Chair: Mr. Erkin MIRMAKHMUDOV, Uzbekistan

Rapporteur: Ms. Nazli CAN, Turkey

- 09:00 ▪ Development of a complete graduation training centre for geomatics and GNSS, *Mr. Alexandru BADEA, Romania*
- 09:20 ▪ Distant learning of satellite navigation specialists in the Russian Educational Centre, *Mr. Pavel KAZAKOV, Russian Federation*

13:00 *Lunch Break*

14:30 Working Group Sessions (continues)

15:30 *Coffee Break*

16:00 Discussion Session 3: Round Table to Finalize the Recommendations/Observations

17:30 Adjourn

18:00 Gala Dinner (“Casa Vinului”)

Friday, 21 May 2010

09:00 Plenary Closing Session

- Summary reports of presentation sessions
- Summary report of discussion sessions: presentation of proposals and recommendations/observations consolidated at the discussion sessions

11:00 *Coffee Break*

11:30 Closing Remarks

- Mr. Hans Haubold, *United Nations Office for Outer Space Affairs*
- Mr. Vasile GRAMA, *General Director, Agency for Land Relations and Cadastre of the Republic of Moldova*

12:00 Adjourn