

INFROM Project “*Integrated Intelligent Platform for Monitoring the Cross-Border Natural-Technological Systems*”, No ESTLATRUS / 2.1 / ELRI-184 / 2011 / 14

Final Conference

6 February 2014, Avalon Hotel, Kalēju iela 70, Riga, mob. +371 29454253

AGENDA

Moderators: Dr.sc.ing. Jānis Lelis, Prof. PhD. Yuri N. Zaharov

9:30 – 10:00 REGISTRATION, *Coffee*

CONFERENCE OPENING SESSION

10:00-10:20 Welcome and introduction

Prof., Dr.habil.sc.ing. Y. Merkuryev, INFROM Project manager

10:20-10:40 Project results achieved and quantification

Prof., DSc. B.V.Sokolov, Prof., Dr.habil.sc.ing. Y. Merkuryev

SESSION 1. PROJECT METHODOLOGY, INNOVATIVE TECHNOLOGIES AND IT PLATFORM

10:40-11:00 Project methodology: concepts, principles and requirements

Prof., DSc. B.V.Sokolov

11:00-11:20 Innovative information technologies for monitoring of natural-technological systems

Asoc.Prof., Dr.sc.ing. A. Romanovs

11:20-11:50 Intellectual IT platform for integrated monitoring and control of complex systems and processes

Prof., DSc. M.Y. Okhtilev, A.Y Chuprikov

11:50-12:10 Integrated support tools and applied results of space-ground monitoring

Prof., DSc. V.A.Zelentsov

12:10-12:30 Training of specialists in Latvian and Russian project areas

Prof., DSc. V.A.Zelentsov, Dr.sc.ing. J. Petuhova, PhD V. A. Matjash

12:30-13:30 *LUNCH*

13:30-14:00 PRESS CONFERENCE

Participate INFROM Project Partners, Associate Partners, AB and SC members

SESSION 2. IT PLATFORM PRESENTATION AND DEMONSTRATION CASES

Presentations, Questions & Answers

14:00-14:30 Project IT platform: presentation and implementation scenarios

Prof., DSc. M.Y. Okhtilev, A.Y. Chuprikov, Assoc. Prof., Dr.sc.ing. A. Lektauers, A. Trufanovs

- 14:30-14:50 IT solutions for operational flood forecasting based on heterogeneous space-ground data
PhD S. Potryasaev, Dr.sc.ing. J. Petuhova
- 14:50-15:10 IT solutions for evaluation of forest fire protection & state monitoring in Madona district in Latvia and Pskov Region in Russia
V.F. Mochalov, PhD O.B. Brovkina, E. Strautiņa
- 15:10-15:30 IT solutions for estimation of ecological states of water bodies based on analysis of Lubana Lake's overgrowing in Latvia and pollution of the Gulf of Finland in Russia
PhD V. A. Matjash, PhD O.B. Brovkina, A. Trufanovs, Dr. sc.ing. J. Zvirgzds
- 15:30-15:50 IT solutions for aerospace-ground monitoring of the nature use and tourism recreation objects
Prof., DSc. V.A.Zelentsov, V.F. Mochalov, PhD A.N. Kozhanov
- 15:50-16:30 *Coffee break, Discussions*
- 16:30-17:30 **ADVISORY BOARD MEETING**
Invited: Representatives of associated partners, municipalities and target groups, as well as academicians, researchers and potential users.

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2nd day, 7 February 2014

Riga Technical University, Institute of Information Technology
Department of Modelling and Simulation,
Meza Str. 1/4-413, Riga, mob. +371 29454253

INTERNAL IWGs AND STEERING COMMITTEE MEETINGS

9:30-10:00	REGISTRATION, <i>Coffee</i>
10:00-12:30	Joint IWGs Meeting
12:30-13:30	<i>LUNCH</i>
13:30-16:00	Steering Committee Meeting