



FROM IMAGERY TO DIGITAL REALITY:

Earth Remote Sensing & Photogrammetry

18th International Scientific and Technical Conference

Conference Program



Organizers



Racurs
(Russia)

Yannis Yanniris (Greece)

Partners



**National Technical
University of Athens**



**Hellenic Association
of Rural and Surveying Engineers**

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Conference Program

Monday, September 24

08:00-09:00 **Registration**

09:00-17:30 Themes of the day:

Innovative Production Solutions

New Trends and Technologies in Photogrammetry

Aerial Survey and UAS

From Idea to Worldwide Recognition – Racurs Celebrates Twenty-Five Years

09:00-09:15 Victor Adrov, Managing Director, Racurs, Russia Opening speech.

09:15-09:25 Yannis Yanniris, Photogrammetry Specialist, Greece Welcome speech.

09:25-09:30 Michalis Kalogiannakis, President, Hellenic Association of Rural and Surveying Engineers, Greece Welcome speech.

Innovative production solutions. Chairman: Victor Adrov

09:30-10:00 Andrey Prokhorenko, Deputy General Director for Production, Roscartography, Russia Current technological development of JSC “Roscartography”.

10:00-10:20 Ioannis Kavadas, Head of Internal Quality Unit, Hellenic Cadastre, Greece Hellenic Cadastre — Quality Checking of Ortho Imagery.

10:20-10:40 Aleksandr Voitenko, Head of Department, Kadastrsyomka, Russia Remote Sensing data for urban real estate management and comfortable urban realm planning.

10:40-11:00 Elena Kobzeva, Chief Engineer, Uralo-Siberian Geoinformation Company, Russia Stereophotogrammetry and the challenges of our time.

11:00-11:30 Coffee-break

New trends and technologies in photogrammetry. Chairman: Andrey Sechin

11:30-11:50 Andreas Georgopoulos, Professor, Director of the Laboratory, National Technical University of Athens, Greece 3D documentation of Cultural Heritage.

11:50-12:10 Andrey Sechin, Scientific Director, Racurs, Russia PHOTOMOD in the Clouds.

12:10-12:30 Yuri Raizman, CEO, GeoCloud, Israel www.geocloud.work – implementation and first experience.

12:30-13:00 Josef J. Schneider, CEO, Schneider Digital, Germany More Comfort – better Quality – impressive Results Working in passive 3D Stereo with the 3D PluraView monitor system.

13:00-14:00 Lunch

Aerial survey and UAS. Chairman: Yannis Yanniris

14:00-14:30 Yuri Raizman, Chief Scientist, Phase One Industrial, Israel New iXM series of PhaseOne aerial cameras for mapping.

14:30-14:50 Pavel Anashkin, Managing Director, Uralgeoinform, Russia Phase One 190MP Aerial System: experience in Russia.

14:50-15:10 Alexey Smirnov, Manager of Technical Support Department, Racurs, Russia Unspecialized UAS for mapping.

15:10-15:30 Yannis Yanniris, Photogrammetry Specialist, Greece Sub pixel aerotriangulation accuracy with a common drone and PHOTOMOD.

15:30-16:00 Coffee-break

From idea to worldwide recognition – Racurs celebrates twenty-five years. Chairman: Victor Adrov

16:00-16:20 Victor Adrov, Managing Director, Racurs, Russia 25 years long history on worldwide geoinformatics market.

16:20-16:40 Xu Mingce, Director, SmartSpatio, China 5+ Years of PHOTOMOD in China and Glance of Chinese Geoinformation.

16:40-17:00 Alexandr Bobylev, Chief Engineer, Uralmarksheyderiy, Russia Aerial data processing on PHOTOMOD for creation of topographical plan of scale 1:2000.

17:00-17:20 Dmitry Kochergin, Head of Technical Support Department, Racurs, Russia New advantages of PHOTOMOD 6.4.

17:20-17:30 Discussion

Tuesday, September 25

09:30-17:00 Themes of the day:
Satellite Data and Image Processing
Satellite Data Services
 Showcasing of new photogrammetric hardware solutions

Satellite data and image processing. Chairman: Victor Lavrov

09:30-10:00	Anton Iudakov, Department Head, Space Rocket Centre "Progress", Russia	AIST-2D small satellite: structural features, flight results and prospects.
10:00-10:20	Victor Moroz, Managing Director, CTT group, Russia	Automated Complex of the Meteor-M-2 Satellite Payload Data Quality Analysis.
10:20-10:40	Ihar Strashko, Deputy Director, UE "Geoinformation Systems", Republic of Belarus	Belarusian Earth Remote Sensing system. Current status and future development.
10:40-11:00	Sergey Potapov, Deputy Head of the Scientific-Production Complex, Research Institute of Precision Instruments, Russia	Some features of space images processing, obtained by electro-optical scanning imaging systems.
11:00-11:30	Coffee-break	

Satellite data and image processing. Chairman: Aleksandr Chibunichev

11:30-11:50	Jose Navarro, researcher, Centre Tecnològic de Telecomunicacions de Catalunya, Spain	Detection of active deformation areas based on Sentinel-1 imagery: an efficient, fast and flexible implementation.
11:50-12:10	Sergey Belov, Technical Director, CTT group, Russia	Automatic object detection and identification on the remote sensing imagery of the sea surface.
12:10-12:30	Victor Lavrov, Deputy Managing Director, Innoter, Russia	Innoter experience in using PHOTOMOD in geological projects.
12:30-13:00	Kazbek Baktybekov, Chief specialist of the department of geoservices, National Company "Kazakhstan Gharysh Sapary", Kazakhstan	Monitoring of agricultural resources of the Republic of Kazakhstan with the use of ERS Data.
13:00-14:00	Lunch	

Satellite Data Services. Chairman: Alexander Chekurin

14:00-14:20	Ilya Yudin, Sales Manager EMEAR, DigitalGlobe, USA	Map for Gigabytes.
14:20-14:50	Jeremy Bercher, Manager, Sales Engineering, DigitalGlobe, USA	Introduction of HD technology and how it will help you do more with DigitalGlobe imagery.
14:50-15:00	Vladimir Arkhipov, Director of Development, Lesproekt, Russia	Forest management. Current practice. New paradigm.
15:00-15:10	Eric van Rees, Technical Writer, Spain	Mastering geospatial analysis with Pyphion.
15:10-15:30	Discussion	
15:30-16:00	Coffee-break	

Showcasing of new photogrammetric hardware solutions

16:00-17:00	3D PluraView monitor system. Virtual Reality system VR Concept.
17:30-19:00	Nana Olympics

Wednesday, September 26

10:00-17:30 Themes of the day:
Master-classes, Roundtable discussions, Business meetings

10:00-11:00	PHOTOMOD 6.4. New features
11:00-11:30	Coffee-break
11:30-13:00	PHOTOMOD 6.4. Questions
13:00-14:00	Lunch
14:00-15:30	Round table discussion: Geoinformation in clouds. Pro et contra for suppliers and users.
15:30-16:00	Coffee-break
16:00-17:30	Round table discussion: Photogrammetry and Virtual Reality.
19:00-23:00	Gala Dinner



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