X Anniversary International Scientific and Technical Conference

"From Imagery to Map: Digital Photogrammetric Technologies"

September 20–23, 2010, Gaeta, Italy

X Юбилейная международная научно-техническая конференция

«От снимка к карте: цифровые фотограмметрические технологии»
**Racurs company’s business mission** is to provide the world-wide geospatial community with advanced and cost-effective digital photogrammetry solutions and services for creation of wide range of output products from the available remote sensing data.

**Scope of activity**
- Development of digital photogrammetric system PHOTOMOD and its promotion on the world-wide market
- Development and promotion of supplementary geoinformatics software products
- Satellite imagery distribution
- Photogrammetric production service

**Partnership and associations:**
- A voting member of GIS - Association of Russia since 1995
- A sustaining member of ISPRS since 1998
- A member of RSPRS since its foundation in 2000
Geography of PHOTOMOD

250 companies in Russia, over 480 companies worldwide
622 licenses in Russia, more than 1220 licenses worldwide
Total number of work places – over 5000
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PHOTOMOD distributors

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History of PHOTOMOD development

1993 Company RACURS foundation.

1994 First commercial version. Single pair orientation, stereo display, correlation based image matching.


1997 PHOTOMOD trade mark registration. PHOTOMOD ScanCorrect: Desktop scanners calibration.

PHOTOMOD system is certified by State Land Use Committee of Russian Federation.

1998 On-line 3D features coding. RACURS Co. becomes a sustaining member of ISPRS.


2000 Further development: graphic interface for adjustment results analysis, compressed images processing, etc. New web site www.racurs.ru.

2001 Version 3.0. Distributed network projects, pushbroom scanner images processing, etc.


2003 Version 3.5. Network ideology, development of block processing approach, page-flipping mode, IKONOS support etc.

2004 Version 3.6. Editing tie points in many windows. QuickBird, EROS, SPOT 5 support etc.


2006 Versions 4.0-4.2. Fully automated tie points measurements. Full import of interior and exterior orientation parameters. Stereoblocks and monoblocks of satellite images.


2008 Version 4.4 Field Survey module. GPS support. 3D objects while exporting to AutoCAD. Satellite images in PHOTOMOD StereoLink.

2010 Version 5.0. New level of automation and productivity.
Sponsors of the Conference 2010:

NP AGP “Meridian+” (Russia)

JSC “Limb” (Russia)

GeoEye (USA)

Vision Map (Israel)

Consulting Center Zeminform and State University of Land Management (Russia)

Supported by:

International Society of Photogrammetry and Remote Sensing

Russian GIS-Association
Media support:

GeoInformatics
GIM International
GEO: Connexion
MundoGEO.com
Geoprofi
GISInfo
GeoTop
Information and Space
Geomatics
Ist International PHOTOMOD User Conference
Irkutsk, Russia
9–13 July 2001
Participants — 60
Geography of the conference: Russia, India, Portugal, Latvia
Ilnd International PHOTOMOD User Conference
Sankt-Petersburg, Russia
1-5 July, 2002
Participants – 75
Geography of the conference:
Russia, Belarus, Latvia, Estonia, Bulgaria, India,
Iran, Bosnia and Herzegovina, Mexico, Italy
Illrd International PHOTOMOD User Conference
Golitcino, Russia
2-5 July 2003
Participants – 80
Geography of the conference:
Russia, Belarus, Ukraine, Bulgaria, Iran, India, Italy,
Bosnia and Herzegovina, Turkey, Latvia, Portugal,
Poland, Uzbekistan
IV International PHOTOMOD User Conference
Minsk, Belarus
7-10 September 2004
Participants – 100
Geography of the conference:
Russia, Belarus, Latvia, Bulgaria, Iran, Belgium, Poland, Italy, Ukraine, Estonia, Serbia and Montenegro, Hungary, Syria, Czechia, India, Portugal, Vietnam, Turkey, Uzbekistan
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V International PHOTOMOD User Conference
Jurmala, Latvia
13-16 September 2005
Participants – 90
Geography of the conference:
Russia, Belarus, Latvia,
France, Portugal, Lithuania, Ukraine,
Serbia and Montenegro, Czechia, India,
Bulgaria, Italy, Uzbekistan
VI International PHOTOMOD User Conference
“Digital photogrammetric Technologies.
PHOTOMOD system: current state and future development”
Becici, Budva, Montenegro
19-22 September 2006
Participants – 100
Partner – InfoMap d.o.o
Geography of the conference:
Russia, Belarus, Latvia, Belgium, Bulgaria,
Bosnia and Herzegovina, India, Iran, Kazakstan,
Lithuania, Serbia, France, Croatia, Montenegro,
Switzerland
VIIth International Scientific and Technical Conference
“From imagery to map: digital photogrammetric technologies”
Nessebar, Bulgaria
17-20 September, 2007
Partner: GIS-Sofia
Participants – 100
Geography of the conference:
Russia, Iran, Bulgaria, Latvia, Estonia, Bosnia and Herzegovina,
Belarus, Hungary, Poland, Serbia, India, Germany,
Belgium, Lithuania, Great Britain, Tunisia, France.
VIIIth International Scientific and Technical Conference
“From imagery to map: digital photogrammetric technologies”
Porec, Croatia
15-18 September 2008
Participants – 120
Geography of the conference:
Russia, Croatia, Iran, France, Latvia, Belarus, Argentina,
Serbia, Lithuania, Italy, India, Germany, Austria, Czech Republic,
Kazakhstan, Turkey, USA, Greece, Estonia, Switzerland, Israel,
Slovenia, Bulgaria, Great Britain.
IXth International Scientific and Technical Conference
“From imagery to map: digital photogrammetric technologies”
Attica, Greece
5-8 October 2009
Participants – 110
Geography of the conference:
Russia, Bulgaria, Iran, Greece, Serbia, Poland, Latvia,
Germany, SAR, Estonia, Czech, Great Britain, Israel,
Thailand, Kazakhstan, USA, Switzerland, Italy, India, France.
Xth Anniversary International Scientific and Technical Conference
“From imagery to map: digital photogrammetric technologies”
Gaeta, Italy
20-23 September 2010

Participants – 120
Geography of the conference:
Russia, Italy, Israel, France,
Latvia, Germany, Switzerland, Estonia,
Serbia, Lithuania, Bulgaria, Holland,
Czech Republic, USA, Greece, Great Britain,
Ukraine, Hungary.
Geography of the conferences

Number of participants

- Multi-commercial private companies
- RSD providers
- Government planning organization
- Scientific, public, educational organization, magazines

Field of activity. 2010.

- Multi-commercial private companies
- RSD providers
- Government planning organization
- Scientific, public, educational organization, magazines
Themes of the day:
I. Regional and corporate projects. Common photogrammetric and cartographic problems.
II. Digital cameras and aerial equipment.
III. Digital photogrammetric systems.
Chairmans: Victor Adrov, Peter Schreiber, Andrey Sechin, Alexander Mikhaylov

Themes of the day:
IV. Photogrammetric processing of digital aerial imagery.
V. Modern space remote sensing data.
VI. Mapping based on remote sensing data.
Chairmans: Andrey Sechin, Yury Bugaevskiy, Yury Baranov, Leonid Bykov

Theme of the day:
VII. Master-class DPS PHOTOMOD. Rose hall, Summit hotel.
VIII. Business-meetings.

Wednesday, September 22

Thursday, September 23

Excursion
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