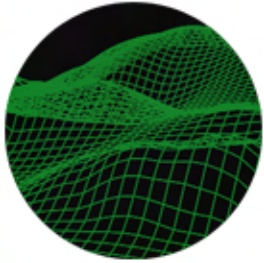


# FROM IMAGERY TO MAP:



digital  
photogrammetric  
technologies

16<sup>th</sup> International  
Scientific and  
Technical  
Conference

**November 14-17, 2016**  
**Agra, India**



## Dear colleagues!

The geographical map is one of the major advancements that man has developed over thousands of years. We have come a long way from Ptolemy's maps to have our modern-day, precise, digital maps. Over time, many ways of obtaining of spatial information have been created and developed.

More than 150 years have passed since the day French inventor Gaspard-Félix Tournachon took a photograph of Paris from an air balloon. This photograph started the phenomenon of remote sensing, which rapidly developed in the twentieth century and has continued to evolve in the twenty-first century.

The appearance of the Earth's satellite imagery, new technologies of aerial survey, and the use of digital methods of data collecting and processing have made remote sensing the most effective and widely-used way of obtaining spatial information. However, the abundance of data sources, the continuous development of their processing, and the variety of obtained results still raise many questions among specialists. Some of these questions are as follows:

- When is it reasonable to use space surveying, and when is aerial or UAV surveying more effective?
- What is the right way to organize photogrammetric processing of remote sensing data, including data from UAV survey?
- Does modern cartography have to be 3D?
- What 3D models are to be preferred by urban planners, roads designers or surveyors: dense DSM or vector?
- How does one create 3D GIS and what does "smart city" mean?
- What is the relationship between "clouds," remote sensing, and photogrammetry?
- What methods can be used for effective and accurate forest estimation?
- How does one measure surface displacement using radar images?

Specialists from around the world will discuss these questions and many more at the sixteenth annual International Scientific and Technical Conference, "From Imagery to Map: Digital Photogrammetric Technologies," to be held in ancient Agra, one of the most beautiful cities in India.

Given the high scientific level of the conference, the conference's organizers sincerely hope that their work will contribute to the global development of remote sensing and photogrammetry.

*Sincerely yours,  
the Organizing Committee of the  
16<sup>th</sup> International Scientific and Technical Conference  
"From imagery to map: digital photogrammetric technologies"*

## Conference topics

- **Earth Remote Sensing**
- **Methods and techniques of geospatial data acquisition**
- **Digital photogrammetry**

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<http://conf.racurs.ru>



## Location

**Agra** is a city on the banks of the river Yamuna in the northern state of Uttar Pradesh, India. It is 378 kilometers (235 mi) west of the state capital, Lucknow, 206 kilometers (128 mi) south of the national capital New Delhi and 125 kilometers (78 mi) north of Gwalior. It is one of the most populous cities in Uttar Pradesh and the 19th most populous in India.

Agra can also refer to the administrative district that has its headquarters in Agra city. It is a major tourist destination because of its many splendid Mughal-era buildings, most notably the Taj Mahal, Agra Fort and Fatehpūr Sikrī, all three of which are UNESCO World Heritage Sites. Agra is included on the Golden Triangle tourist circuit, along with Delhi and Jaipur.

At The Gateway **Hotel** most rooms offer a majestic view of the Taj Mahal. Along with the splendid view, you can also enjoy quick, hassle-free services delivered by a highly trained and an efficient staff. We understand that modern amenities and technology ensure that your stay is pleasurable. However, it is our 24x7 attitude that keeps our guests coming back for more.

Taj Ganj, Fatehabad Road, Agra, Uttar Pradesh, 282001, INDIA

## Conference schedule

Monday November 14	Opening, plenary session, Welcome party
Tuesday November 15	Plenary session, business meetings, social activities
Wednesday November 16	Plenary session, business meetings, conference Gala dinner
Thursday November 17	Sightseeing tour

## Registration fees (USD)

Options	Early bird registration	
	29.07.2016	after 29.07.2016
<b>Full</b> (accomodation: 13-16.11)		
Single room	1450	1550
Bed in standard double room	1170	1270
<b>Full-</b> , without excursion (accommodation: 13-16.11)		
Single room	1320	1420
Bed in standard double room	1040	1140
<b>Lite</b> (without excursion, Gala Dinner and welcome party, accommodation: 13-16.11)		
Single room	1000	1100
Bed in standard double room	800	900
<b>Without accomodation</b>		
<b>Delegate</b> (without excursion, Gala Dinner and welcome party)	300	400
<b>Delegate+</b> (+ Gala-Dinner and Welcome party)	550	650

## Advertising opportunities (USD)

Commercial presentation	300
Promotional materials included in attendance package: leaflet A4 / booklet	300/500
Colour promotional module (A4) inside the conference proceedings	300
Mobile stand (RollUp) in the conference hall	300

## Sponsorship packages

Category	Rates
Platinum Sponsor	20 000
Gold Sponsor	10 000
Silver Sponsor	5 000

## Deadlines

### Early bird registration

July 29, 2016 — Deadline for Early bird registration

August 10, 2016 — Payment deadline to qualify early registration discounts

### Final registration

October 16, 2016 — Final deadline, after which registration cannot be accepted

October 20, 2016 — Final deadline for payment

### Abstracts and papers

August 15, 2016 — Report and abstracts submission deadline

September 30, 2016 — Paper submission deadline

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## Comments & History

In 2011 in Stuttgart we celebrated the 100th Anniversary of the Photogrammetric Week serving the world for generations. Even though only a 15-years old, the Racurs Conferences are becoming a fresh equivalent to these traditional meeting in the West.

*Gottfried Konecny (Emeritus Professor,  
Leibniz University of Hannover, Germany)*

As I have said many times, you — great. You fellows all — and in science, and business and leisure. You have achieved a lot in our area, and I personally wish you continued success and prosperity. Keep it up!

*Yuri Raizman (Scientific Director, VisionMap, Israel)*



*Irkutsk, Russia, 2001; Saint Petersburg, Russia, 2002; Golitsino, Russia, 2003; Minsk, Belarus, 2004; Jurmala, Latvia, 2005; Becici, Budva, Montenegro, 2006; Nessebar, Bulgaria, 2007; Porec, Croatia, 2008; Alicia, Greece, 2009; Gaeta, Italy, 2010; Tossa de Mar, Spain, 2011; Algarve, Portugal, 2012; Fontainebleau, France, 2013; Hainan, China, 2014; Yucatan, Mexico, 2015, India, 2016.*

For me personally this conference gives me a unique opportunity to get first-hand information about the status of development in photogrammetry, remote sensing and mapping in the Russian Federation and some other countries usually not so present at international conferences.

*Armin Gruen (Emeritus Professor, ETH Zurich, Switzerland)*

What made this conference special? Firstly, its small scale: one hundred professionals, sixty of whom from Russia. But most impressive was the complete absence of the chest drumming so flashily and embarrassingly in evidence at North American conferences; there was no glitter here, no glamour. It's not the slick marketers who set the tone at this conference, but the founders. Their involvement and affinity with science and technology is perceptible and provides the pillars upon which the event stands.

*Mathias Lemmens (Senior Editor, GIM International,  
The Netherlands)*

## Organizer

Since its foundation in 1993, the **Racurs** Company (Moscow, Russia) has been developing innovative digital mapping software for the processing of aerial, space and terrestrial imagery. Our flagship product PHOTOMOD was one of the first digital photogrammetric systems on the market designed to work on off-the-shelf PCs.

PHOTOMOD is extensively used worldwide and is presently the most popular digital photogrammetric system in Russia. Initially a single product company, Racurs' market involvement has expanded to include software development, provision of remote-sensing data and production of photogrammetric services.



## Partner

**OPSIS SYSTEM** (India, Kolkata) was conceived and set up in 2001 as a training institute on Information Technology and Geospatial studies. The company provides state of the art software products and geospatial services.

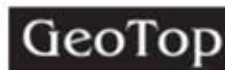


## Supported by

- International Society for Photogrammetry and Remote Sensing (ISPRS)
- State Space Corporation ROSCOSMOS
- GIS-Association Russia



## Media partners



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