

# THIRD EUROPEAN SCGIS CONFERENCE















## *Geoinformation technologies for natural and cultural heritage conservation*

11-12 October 2016, Sofia








The Third European SCGIS Conference is a joint initiative of the Society for Conservation GIS (SCGIS) Chapter Bulgaria, Society for Conservation GIS (SCGIS) Chapter Slovenia, ESRI Bulgaria, Space Research and Technology Institute – Bulgarian Academy of Sciences, Anton Melik Geographical Institute of the Slovenian Academy of Sciences and Arts and Bulgarian Geographical Society. The main idea of this event is to invite researchers, professionals and practitioners from various scientific fields dealing with the conservation issues through geoinformation technologies, to promote the conservation idea and to popularize the Society for Conservation GIS.

### CONFERENCE TOPICS

#### GIS-based conservation of natural heritage sites and natural resources

-  Ecology and Conservation
-  GIS for protected areas
-  GIS in landscape analysis
-  Landscape diversity
-  Land use change, climate change human footprint
-  Remote sensing and GIS of natural and anthropogenic land degradation
-  Natural resources
-  GIS in education on conservation
-  Remote sensing and GIS of Natura 2000 habitat types
-  Open data and big data for conservation
-  Marine Conservation and GIS
-  GIS for biodiversity conservation
-  Illegal dumping
-  Habitat modelling

#### Conservation of cultural heritage sites using GIS

-  GIS and remote sensing for protection and management of cultural heritage
-  GIS as a tool for archaeological sites' documentation
-  Data fusion techniques for archaeological prospection
-  Web and mobile GIS applications for cultural heritage conservation
-  UAV applications for cultural heritage
-  GIS for historical reconstruction
-  Landscape studies over time: spatial-temporal modelling
-  LiDAR applications in cultural heritage conservation
-  SAR applications for archaeology
-  Aerial Archaeology
-  Image processing and interpretation of multispectral satellite imagery
-  Field survey and data collection in archaeology
-  Virtual GIS and mapping tools
-  3D modelling and visualization

Some of the images and graphics used in the scheme are downloaded free of charge from FreeVector.com under Creative commons attribution license with authors BSGStudio and Vector Graphics.



### *Special Sessions (if there are at least 5 registrations for participation):*

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- **NGO's conservation meeting** – meeting of NGO's involved in conservation activities
- **Conservation challenges Session** – short presentation of a conservation challenge within 5 minutes followed by discussion. In this section participants could briefly present a conservation challenge which they do not know how to cope with, while the rest of participants could offer suggestion, partnership, exchange ideas, etc.

### **ORGANIZING COMMITTEE**

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#### ORGANIZING COMMITTEE

##### Chairmen:

Assoc. Prof. Dr. Vanya Naydenova SCGIS Bulgaria & SRTI-BAS  
Res. Fell. Dr. Rok Ciglič SCGIS Slovenia & ZRC SAZU

##### Vice-Chairmen:

Assistant Stefan Stamenov SCGIS Bulgaria & SRTI-BAS

##### Members:

Miglena Kuzmanova ESRI Bulgaria  
Res. Fell. Dr. Mateja Breg Valjavec ZRC SAZU  
Nadezhda Kecheva SCGIS Bulgaria & NIAM-BAS  
Assoc. Prof. Dr. Stoyan Nedkov BGS  
Assist. Natalia Stankova SRTI-BAS

#### SCIENTIFIC COMMITTEE

Assoc. Prof. Dr. Vanya Naydenova, Space Research and Technology Institute- BAS, Bulgaria  
Res. Fell. Dr. Rok Ciglič, Anton Melik Geographical Institute ZRC SAZU, Slovenia  
Assistant Stefan Stamenov, Space Research and Technology Institute- BAS, Bulgaria  
Res. Fell. Dr. Mateja Breg Valjavec, Anton Melik Geographical Institute ZRC SAZU, Slovenia  
Dr. Nicola Masini, CNR-IBAM, Italy  
Dr. Rosa Lasaponara CNR- IMAA, Italy  
Assist. Prof. Dr. Iva Ivanova, Space Research and Technology Institute- BAS, Bulgaria  
Assist. Dr. Eszter Tanács, University of Szeged, Hungary  
Dr. Florentina Popescu, West University of Timisoara, Romania  
Lect. univ. dr. Florina-Minodora Ardelean, West University of Timisoara, Romania  
Dr. Ivan Radevski, Ss. Cyril and Methodius University, Macedonia  
Prof. Eng. Claudio Parente, University of Naples "Parthenope", Italy  
Nadezhda Kecheva, National Institute of Archaeology with Museum-BAS, Bulgaria  
Assoc. Prof. Dr. Lachezar Filchev, Space Research and Technology Institute- BAS, Bulgaria

### **IMPORTANT DATES:**

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- **New deadline for abstract submission – 25.05.2016**
- **Notification of acceptance** – 30.05.2016
- **Deadline for author registration** – 15.08.2016
- **Deadline for submission of full paper** – 15.08.2016
- Announcement of the preliminarily program – 30.08.2016
- Announcement of the final program – 30.09.2016
- Registration deadline for participants without paper – 07.10.2016

E-mail: [bulgaria@scgis.org](mailto:bulgaria@scgis.org); +359 887435050

For more information: <http://conf2016.scgisbg.org/conf2016/>

## CONFERENCE SCHEDULE

11.10.2016	On-site registration Plenary Session and Keynote Address Paper and Poster Sessions
12.10.2016	Paper and Poster Sessions; Closing
13.10.2016	Excursion

## CONFERENCE VENUE

The Third European SCGIS Conference “*Geoinformation technologies for natural and cultural heritage conservation*” will be held at the Bulgarian Academy of Sciences in Sofia, Bulgaria.

## REGISTRATION FEES

The registration fees for participation in the conference are valid per paper. The deadline for registration of the authors and payment the registration fees is **15<sup>th</sup> of August 2016**.

Types of registration	Early Bird Registration fees <sup>1</sup>	Regular Registration fees <sup>2</sup>
Full Participant (author or coauthor) <sup>3</sup>	80 euro	100 euro
PhD, MSc, and BSc Student <sup>3</sup> ,	40 euro	50 euro
Virtual participation <sup>4</sup>	120	140 euro
Video presentation <sup>5</sup>	90	110
Guest <sup>6</sup>	10 euro	10 euro

<sup>1</sup> Early Bird Registration fee per paper, payed before 30<sup>th</sup> of June

<sup>2</sup> Regular Registration fee per paper, payed after 30<sup>th</sup> of June

<sup>3</sup> Discount - For 3 or more papers from one organization the following discounts are applicable:

- Full participant – 60 euro (early bird) and 80 euro (regular) per paper
- Student – 30 euro (early bird) and 40 euro (regular)

<sup>4</sup> Virtual participation – the author(s) has no obligations to come and present his paper on conference sessions personally. The presentation will be presented and read by a member of the organizing committee using the provided by the author(s) ppt presentation and the relevant text for it. The lecturer fee for presenting the paper is 40 euro, which is included in the registration fees. For 3 or more virtual presentations from one organization the following discounts are applicable: for early bird registration - 100 euro (60 euro registration fee + 40 euro lecturer fee) and for regular registration - 120 euro (80 euro registration fee + 40 euro lecturer fee).

<sup>5</sup> Video presentation – the author may sent his\her video presentation on a video clip that should be presented at the conference. The requirements for the video clips will be provided additionally to the authors who want to participate with video presentation. The video presentation should be sent to the reviewers till 25<sup>th</sup> of September for approval. The video presentation is not a publication, and will not be published as a video file. It has to be accompanied with a full text paper.

<sup>6</sup> Guest – attendance without publishing and presenting papers

## GUIDELINES FOR PARTICIPANTS:

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The Conference papers can be presented in two ways:

- an oral presentation (up to 15 minutes)
- a poster (posters will be displayed during the conference)

Special poster sessions will be organized, during which the authors can present their posters.

- Extended abstracts – small-sized poster of the study presented in 1 page (A4 format), which can be disseminated during the conference. The option for the extended abstract is provided also for those people, who want to present their activities, but do not have enough time to prepare full presentation or poster, or cannot attend the conference. We can provide printing of the submitted extended abstracts and dissemination during the conference only for participant who cannot attend it personally.

## SUBMISSION PROCEDURE

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The submission of abstracts and conference registration should be made using the online submission form on the conference website.

## CONFERENCE LANGUAGES

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Considering the language diversity in European Union we decided to propose a flexible multi-language model which will also promote the conservation idea that is fundamental for the SCGIS philosophy.

### Presentation languages:

The presentations should be understandable for most of the audience. The official language in Bulgaria is Bulgarian and the most widespread foreign languages are English and Russian.

### Publication languages:

The full-text papers can be submitted in each of the official EU languages. For attendees from non-EU countries the full text papers can be on their national language, or bilingual (in their national language and in English) or just in some of the official EU languages.

## PROCEEDING

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The full-text papers presented at the Third European SCGIS Conference will be published online in the Proceedings of the European SCGIS Conference at the following website: <http://proc.scgis.scgisbg.org/proc>. The full text of the papers should be submitted by 20.09.2016, so that they will be published till the beginning of the conference. The text of the papers should not exceed 10 pages each, and the file size should be no more than 5 MB. The papers' organization and design should comply with the requirements specified in the [Guidelines for Authors](#).

## CONFERENCE ORGANISERS:

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<b>SCGIS Chapter Bulgaria</b>	<b>SCGIS Chapter Slovenia</b>	<b>ESRI Bulgaria</b>	<b>Space Research and Technology Institute - BAS</b>	<b>GIAM ZRC SAZU</b>	<b>Bulgarian Geographical Society</b>
<a href="http://www.scgisbg.org">www.scgisbg.org</a>	<a href="https://www.scgis.org/chapters/pages/slovenia">https://www.scgis.org/chapters/pages/slovenia</a>	<a href="http://www.esribulgaria.com">www.esribulgaria.com</a>	<a href="http://www.space.bas.bg">www.space.bas.bg</a>	<a href="http://giam.zrc-sazu.si">http://giam.zrc-sazu.si</a>	<a href="http://geography.bg">http://geography.bg</a>