



3rd Balkan Geophysical Congress and Exhibition

24-28 June 2002
Sofia, Bulgaria

SECOND CIRCULAR

Organised by:

Balkan Geophysical Society

Hosted by:

Bulgarian Geophysical Society

Main sponsor:

European Association of Geoscientists and Engineers

<http://www.BalkanGeophySoc.org>

e-mail: BalkanGS@geophys.bas.bg

BALKAN GEOPHYSICAL SOCIETY (BGS)

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INVITATION

The Balkan Geophysical Society (BGS) would like to address a special invitation to you to visit Sofia and participate in the 3rd Balkan Geophysical Congress and Exhibition, 24-28 June 2002.

The BGS was established in 1993 in Florina, Greece, with the aim to promote peaceful research in basic and applied geophysics, and to contribute to the collaboration and mutual assistance among geophysicists. Members of BGS are the geophysical societies of Albania, Bulgaria, Greece, Romania, Turkey and Yugoslavia. The 1st Congress of BGS was held in Athens 1996, the 2nd one in Istanbul 1999. Geophysicists and companies from many European countries, as well as from the USA, Canada, North Africa, Near and Middle East, China, etc. having advanced geophysics took part in the sessions of the Technical Programmes and in the Technical Exhibitions. The 3rd Congress of BGS in Sofia will traditionally offer excellent opportunities to the participants for interesting oral and poster presentations, and attractive exhibits of the latest developments in the geophysical science and technology. The Balkans and the adjacent Black Sea and Caspian zones, the Mediterranean and Adriatic Sea, the Carpathian and Anatolian areas, are interesting fields for geophysical investigations and prospective areas for the petroleum and mining industry, for geo-engineering and environment studies, as well as for archaeological researches. The BGS Congresses are important international events and any contribution to the Technical Programme and Exhibition of the forthcoming 3rd Congress in Sofia 2002 will find wide acknowledgment and practical application.

We look forward to welcoming you in Sofia. During the 3rd Balkan Geophysical Congress and Exhibition you may enjoy successful presentations, interesting discussions, useful scientific and business contacts, and pleasant meetings with your colleagues from near and remote countries.

On behalf of the Organising Committee,
Petar Stavrev
President BGS

SOFIA

Sofia, the capital of Bulgaria, is situated in the centre of the Balkans. The city lies in a valley very close to the high mountain Vitosha. Since ancient times the city has been famous for the abundance of cold and thermal mineral water springs in and around it. Throughout the centuries, many peoples have inhabited Sofia and added to its rich and diverse history. The first known inhabitants were the Thracian tribe Serdi three thousand years ago. In the 3rd century AD the Romans built the town of Serdika which later was named Sredets by the Slavs. It was renamed Triaditsa after the Byzantine retook the town at the time between the two Bulgarian Kingdoms. The city was named Sofia in the 14th century after the basilica St. Sofia. The motto of Sofia says that the city “grows but does not age”.



National Palace of Culture

St. Sofia monument



The finest collection of the National History Museum in Sofia contains the famous Thracian gold treasures, spaciouly displayed, often singly, so that they can be fully appreciated. Among the city’s many museums and galleries are the Natural History Museum, the National Archaeological Museum, and the National Art Gallery. A comparatively new Museum of the Earth and the Man displays minerals, precious stones, and astonishing giant crystals.

Sofia is the site of a number of universities, including those where training in geophysics is offered - the University of Sofia and the University of Mining and Geology. The Bulgarian Academy of Sciences is another centre where advanced geophysical researches are being conducted, which have a considerable share in the diversity of fundamental and applied scientific investigations.

St. Alexander Nevski Cathedral



MILESTONES

Deadline submitting Abstracts:	20 February 2002
Deadline booking Technical Exhibition:	1 April 2002
Deadline booking Commercial Presentations:	1 April 2002
Deadline pre-registration:	1 April 2002
Final Congress Programme:	20 May 2002
Congress venue:	Kempinski Hotel Zografski, Sofia
Registration Desk open:	23 June 2002 14:00 - 20:00
	24 - 27 June 2002 8:30 - 18:00
Opening Ceremony:	24 June 2002 10:30 - 12:00
Technical Programme:	24 June 2002 14:00 - 17:30
	25 - 27 June 2002 9:00 - 17:30
Technical Exhibition:	24 June 2002 12:00 - 18:00
	25 - 27 June 2002 9:00 - 18:00
Icebreaker Reception:	24 June 2002 18:00 - 20:00
Gala Evening:	26 June 2002 20:00 - 23:30
Pre & Post Congress Tours:	23 June 2002 16:00 - 18:00
	28 June 2002 9:00 - 18:00

TECHNICAL PROGRAMME

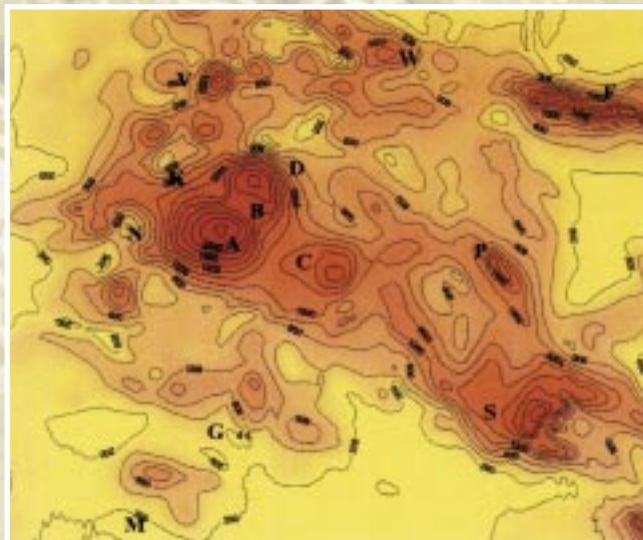
The Technical Programme of the 3rd Balkan Geophysical Congress and Exhibition includes Conference Sessions, Symposium, Workshop, and DISC Course.

Conference Sessions. They will cover a wide range of subjects related to geophysics. Results in the theory, methods, technologies and applications of geophysics are welcome for presentation. Findings in the field of techniques for geophysical data acquisition, processing, analyses, transformations, imaging, modeling, inversion, complex attributes, and interpretation are of special interest. A topic of particular importance is the practical efficiency of geophysics in the exploration and production of mineral and energy resources, in geo-engineering and environmental studies, as well as in archaeology. The latest investigations in seismology and the physics of the Earth's interior, in gravimetry, geomagnetism, electrical and geothermal fields, crustal studies, atmosphere and hydrosphere physics, space geophysics, planetary evolution, etc., will focus on the contributions to the global, regional and more detailed acquaintance with geophysical phenomena. The list of Conference topics covered by oral and poster presentations is given in the 'Call for Papers' Form attached to this Circular.

Special Symposium: *Geodynamics of the Balkan Region*

Convenors: **Stefan SHANOV**, Laboratory of Seismotectonics, Geological Institute of the Bulgarian Academy of Sciences, Sofia (shanov@geology.bas.bg)
Georgi MILEV, Central Laboratory of Geodesy of the Bulgarian Academy of Sciences (milev@bgcict.acad.bg; milev@bas.bg)

This is a joint symposium with the Working group CSG.5/6 "Geodynamics of the Balkan Peninsula" of CERGOP-2. The aim of this Special Symposium is to discuss the models of the contemporary geodynamics of the Balkans, to clarify how the geostructural situation and geological evolution of the Balkan Region have predetermined the geodynamic development and display of large scale of geo-hazardous phenomena.



Congress Hall, Kempinski Hotel Zografski

Workshop: *Geophysical methods in Archaeology*

Convenors: **Mary KOVACHEVA**, Geophysical Institute of the Bulgarian Academy of Sciences, Sofia (marykov@geophys.bas.bg)
Gregory TSOKAS, Geophysical Laboratory, Aristotle University of Thessaloniki, Greece (gtsokas@geo.auth.gr)
Mihail GEORGIEV, Institute of Thracology, Bulgarian Academy of Sciences, Sofia (gueorge@bgnet.bg)

Workshop objectives: Geophysical methods are an interdisciplinary scientific branch of modern archaeology. The Balkan region is recognized as an area extremely rich in cultural heritage. The development of methods and techniques for the localization of buried monuments prior to excavation, for the determination of the chronology of man-made structures and artifacts, is of particular importance for the study of the human past. The aim of this workshop is the recent achievements to be shown in the following topics:

1. Geophysical prospecting of archaeological sites;
2. Archaeomagnetic studies used as a dating technique.

DISCourse: *Understanding Seismic Anisotropy in Exploration and Exploitation*
by **Leon THOMSEN**

The Technical Programme will start on Monday 24 June afternoon. Morning and afternoon sessions will be held from Tuesday, 25 June, to Thursday, 27 June. Oral presentations in three lecture halls and poster sessions in appropriate area adjacent to the Technical Exhibition will run in parallel. Papers and posters will be presented in English, the official language of the Congress. Instructions to authors are included in the Call for Papers Form attached to this Circular and given in the web site of BGS: www.BalkanGeophySoc.org.

Deadline for submitting Abstracts is 20 February 2002.

Address for contacts on the contents
of the Technical Programme:

Dr. Stefan Shanov
phone: +359 (2) 9792247
fax: +359 (2) 724638
e-mail: shanov@geology.bas.bg

TECHNICAL EXHIBITION

Traditionally the Exhibition is the most attractive place as a centre of technical and business contacts for the whole duration of the congress. The wonderful exhibition hall "Sofia" in the Kempinski Hotel Zografski is on the same ground floor as the lecture halls around it and provides abundant opportunities for the exhibitors and visitors. Here is the place for useful meetings over a cup of hot coffee or tea in a beautifully designed area. Access to the networking events will be available. The Icebreaker Reception will be held in the Exhibition area.

A standard 9 sq.m booth includes three walls, two chairs, table, showcase, desk, electricity connections, interior lights, assembling/disassembling, security and cleaning, at a price of 1980 US Dollars for the whole duration of the Congress. Extra equipment can be added. Exhibitors may find more information in the Exhibitors' Form given in this Circular and in the BGS web site, as well in the web site of the official Congress organizer CIM Ltd.

The official opening of the Exhibition will be on June 24th, 12:00. On the same day, at 18:00, there will be an Icebreaker Reception with wonderful Bulgarian wines.

COMMERCIAL PRESENTATION

The Congress area offers good opportunities for commercial presentations. The respective applications can be addressed to the Chairmen of the Technical Exhibition.

Deadline booking

Exhibition space/Commercial presentation 1 April 2002.



Contact addresses for exhibitors:

Mr. Ivan Pavlov

phone: +359 (2) 9559774

fax: +359 (2) 9559774

e-mail: rex_ggd_sof@elsys.bg

Mr. Anton van Gerwen

phone: +31 (30) 6354055

fax: +31 (30) 6343524

e-mail: ag@eage.nl

SOCIAL PROGRAMME

MONDAY, 24 JUNE 2002

Icebreaker Reception: 18:00 - 20:00

Location: Kempinski Hotel Zografski,
Exhibition Area

TUESDAY, 25 JUNE 2002

Folk-style Dinner: 20:00 - 23:00

An enjoyable evening at a folk-style restaurant where you will have the opportunity to try the cuisine and wines of Bulgaria and to enjoy typical Bulgarian folk dances and songs.

Price per person: 25 USD

WEDNESDAY, 26 JUNE 2002

Gala Evening: 20:00 - 23:30

This is the main social event of the Congress. Traditional dinner, gala and show programmes will be organized in a lovely restaurant in Sofia.

Price per person: 40 USD

THURSDAY, 27 JUNE 2002

Folk-style Dinner: 20:00 - 23:30

Price per person: 25 USD

SPONSORSHIP

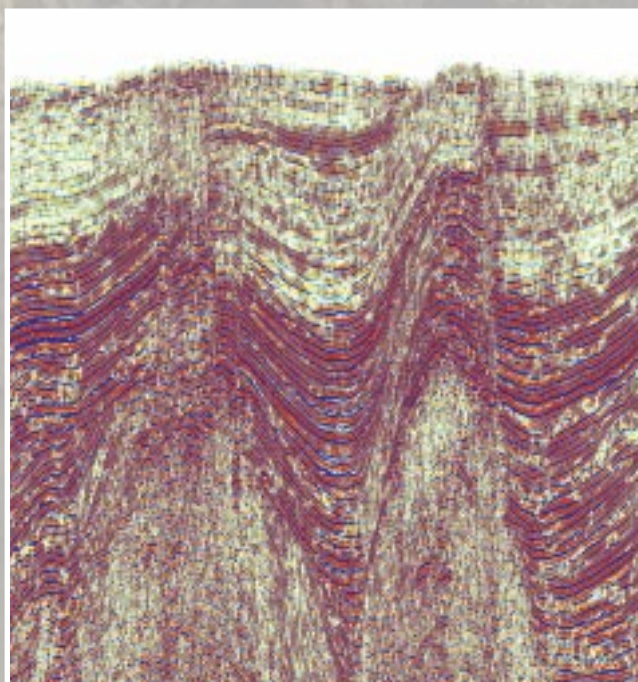
The List of sponsors will be included in all oral, electronic and printed issues of the Congress. For information on the different forms of sponsoring this international event you may contact:

Dr. Kolio Tonev

phone: +359 (2) 9634267

fax: +359 (2) 9634296

e-mail: geolint@internet-bg.net



EXCURSIONS, TECHNICAL and COMBINED (E&T) TOURS

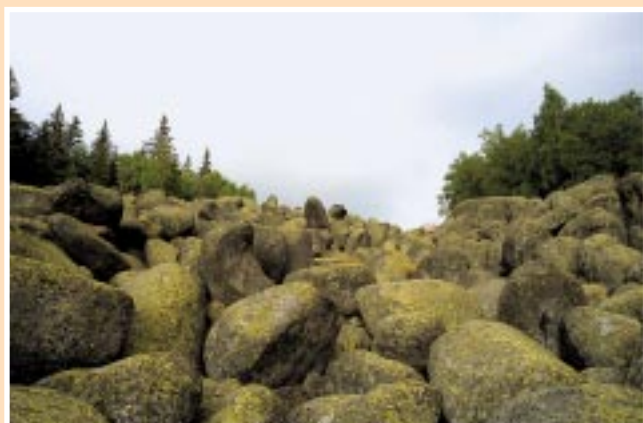
EXCURSION TO THE VITOSHA MOUNTAIN

28 June 9:00 - 16:00

Price per person: 18 USD

The price includes transportation, a tour guide, certificate and lunch.

Only 10-12 km away from the city centre, you can get a feel of the unspoiled beauty of the Bulgarian countryside. The mountain is famous for its varied flora and fauna, two natural reserves, and stone rivers (moraines). They are unusual natural phenomena, apparently dry rivers made up of massive boulders. Cherni Vruh is the highest peak (2290 m) of the Vitosha Mountain, a huge volcano-plutonic massif with wooded lower slopes. You will have the opportunity to get acquainted with the results of paleomagnetic researches and geology of the plutonic chain in the western part of the Srednogorie structural zone. An airlift will take you almost to the very summit but nevertheless it is recommendable to have comfortable shoes and a warm jacket for the 30-minute walk to the peak.



Morenite, Vitosha Mountain

SIGHTSEEING TOUR OF SOFIA

23 June 16:00

28 June 10:00

Price per person: 12 USD

The price includes bus transportation, a tour guide and admission fees.

A tour of the city could be a good way to make a quick journey in a short time. You will visit the most remarkable historical and cultural monuments of the Bulgarian capital and the Earth and Man Museum as well. The Museum was founded in 1986. Over 20,000 exhibits are on display, divided into six sections: Giant Crystals, Minerals of the Earth, Industrial Minerals, Raw Material Sources of Bulgaria, Gems and New Materials.

VISIT TO THE NATIONAL MUSEUM OF HISTORY

23 June 16:00

28 June 10:00

Price per person: 8 USD

The price includes bus transportation, a tour guide and admission fees.

The Museum is housed in the stately Boyana Residence, House 1 at the foot of Vitosha Mountain. It comprises of approximately 22,000 exhibits, showing the development of social, political and cultural life on Bulgarian lands in



Amphora and Rhyton, Thracian gold, Panagyurishte Treasure, end of IVth, C. BC.

the prehistoric period; Bulgarian lands in ancient times; the Bulgarian state during the middle ages; the 15th-17th century, the Bulgarian national revival period and the Bulgarian state 1878-1945.

ONE-DAY EXCURSION TO THE KRUPNIK FAULT AND THE RILA MONASTERY

28 June 9:00 - 18:00

Price per person: 35 USD

The price includes bus transportation, a tour guide, admission fees and lunch on the way.

The Krupnik-Kresna region is the zone where the strongest earthquake in Europe for the last 200 years took place on 4 April 1904 with a magnitude of 7.8. You will have the opportunity to see active fault structures and results from the extensometric monitoring station built there.

Situated in the heart of the Rila Mountain, the Monastery is famed for both its architecture and its mountainous setting. It is Bulgaria's biggest monastery, a national museum and unique monument of culture, visited by 600,000 people every year. The Monastery is on UNESCO's World Heritage List.



Rila Monastery, Rila Mountain

GENERAL INFORMATION

ACCESS

Sofia is the main gateway of Bulgaria. All major airline companies link Bulgaria to the other European countries, to the North and South America, Africa, the Near, Middle and Far East, etc. The major international highways going from the Western and Central parts of Europe towards Istanbul and the Middle East, and from the Baltic region towards South Europe, pass through Bulgaria. The International trains linking West Europe and the Middle East, and North with South Europe go through Sofia as well.

CONGRESS VENUE

The 3rd Balkan Geophysical Congress and Exhibition will be held at the Kempinski Hotel Zografski. This is a 5-star hotel situated in the lovely area, viewing the Vitosha Mountain and within a walking distance to the city centre. Conference halls provided with modern technical equipment offer excellent possibilities for scientific and business meetings, seminars, receptions and exhibitions.

LIABILITY

The BGS Executive Committee, the Congress Organizing Committee and the Bulgarian Geophysical Society refuse any liability for personal accidents, loss or damage to private property of participants and family members, which may occur during the Congress and Exhibition, tours, registration and other events. Participants should, therefore, take whatever steps they may consider necessary regarding insurance.

LETTERS OF INVITATION

The Organizing Committee will supply an official letter of invitation on request. However, in supplying such letter the Organizing Committee, BGS and the Bulgarian Geophysical Society do not accept any obligation to pay any expenses incurred by addressee.

REGISTRATION

Preliminary registration: Participants are requested to register by sending the completed Registration Form and the respective payment not later than 1 April 2002 to CIM's address. Exhibitors send also the Exhibitors' Form. Students are requested to present a document from their university.

On-site registration: The Registration Desk will be located in a conference room next to the Exhibition Hall and will operate from Sunday, 23 June 2002 at 14:00, till the end of the Congress.

PAYMENTS

Advance payments of the registration fee, accommodation and the services with charge required should be arranged to CIM's bank account, indicated on the Registration and Exhibitors' Forms.

On-site payments should be settled upon arrival at the Registration Desk in convertible currency, travelers' cheques and/or credit cards.

CONFIRMATION LETTER

A letter of confirmation will be sent to participants on receipt of the Registration and/or Exhibitors' Forms and the respective payment. Participants are kindly requested to present the letter at the Registration Desk.

TRANSPORTATION FROM THE AIRPORT/TRAIN/BUS STATIONS

Transfers upon arrival and departure will be organized for those participants that have applied and paid these services included in the Registration Form. Precise travel information should be given to CIM at least two weeks prior to arrival. Public and taxi transportation are also available.

TRANSPORTATION IN THE CITY

Main transportation vehicles in the city are public buses, trams and trolleybuses. A free Sofia public transportation ticket will be available for all participants of the Congress. The ticket will be valid from Sunday 23 June to Thursday 27 June and will be given upon registration. Taxis are available all over the city.

ACCOMMODATION

➤ **Kempinski Hotel Zografski** (5 stars). The hotel disposes of a large number of guestrooms and suites. The hotel has non-smoking floors, all the rooms are air-conditioned and have TV and radio sets, mini-bar, info channel and voice mail, and bathrooms have shaver outlet and hairdryer. Four restaurants, business centre, full bank service, shopping arcade, room service and sports centre with swimming pool are all at the disposal of the guests. Conference, exhibition and reception halls are in a separate Congress area on the ground floor. The hotel is situated at 15 min. walking distance from the city centre.

➤ **Rodina Hotel** is a 4-star hotel conveniently situated within walking distance of the administrative, cultural and shopping center of the capital city. The 24-storey hotel gives the hospitality of business and tourism. All rooms are air-conditioned and have direct telephone line, TV and radio set and mini-bar. Hotel facilities include modern business centre, several restaurants, lobby bar, sports centre with a swimming pool. Reaching the meeting venue from the hotel will take you 15 min. by public transport and 10 min. by taxi.

➤ **Hemus Hotel.** The 3-star hotel is situated within walking distance of the city centre and the Congress venue (1 tram stop). Hotel facilities include a restaurant, lobby and night bar, car park, souvenir shop, currency exchange and information office. Hotel rooms have direct telephone line, and TV set.

Hotel rates are in US Dollars and include bed & breakfast, insurance and service tax. These rates are only valid if reservation and payment has been made through CIM. Any change of booking must be sent to CIM. A deposit for one night is required in confirmation of the hotel reservation. It will be deducted from the total hotel bill.

Check-in time is 2:00 p.m. Check-out time is 12:00 p.m.

PASSPORTS & VISAS

Valid passports and visas are required when entering Bulgaria. Participants should contact the nearest Bulgarian embassy or Consulate for updated information on the visa's regime. Foreigners from all EC countries do not need visas.

MONETARY SYSTEM

The national currency is the Bulgarian Lev. Bank notes of the following denominations are in circulation: 1, 2, 5, 10, 20, 50 leva. 1lev = 1 DM. Exchange offices are available in the hotels and all over the city.

CLIMATE

Moderate climate: mild spring and autumn, hot summer, cold snowy winters. The weather at the end of June is sunny and hot. Daily temperatures range from 25 to 30°C.

TIME

Winter time: GMT +2 hrs. (October through March)
Summer time: GMT +3 hrs. (April through September)

ELECTRICITY: 220 Volts, 50 Hz.

OFFICIAL AGENT: The Company for International Meetings - CIM Ltd. is appointed by the Bulgarian Geophysical Society to be the official agent of the Congress. Participants are requested to contact CIM directly for all the services included in the Registration and Exhibitors' Forms.



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Contact persons: Mrs. Borianna Koeva, Mrs. Elena Vladimirova, Mrs. Mira Avramova

**CONGRESS
VENUE**

***Kempinski Hotel Zografski
Sofia***