

Venue:

Institute of Volcanology and Seismology (IVS) FEB RAS, Petropavlovsk on Kamchatka, Russia <http://www.kscnet.ru/ivs>

Languages:

Working languages of the Conference are Russian and English. Abstracts are accepted in both languages.

Publication of abstracts and selected papers:

The abstracts of papers to be delivered at the conference will be published in the conference volume. The authors are advised to use Conference site to upload the abstracts of their talks.

The final decision on author's partaking and contribution format will be made by the Program Committee and published at the conference site before May 1, 2014. Selected papers will be issued in the Journal «Bulletin of the Kamchatka science center FEB RAS » which is listed by VAC.

Department on Earth Sciences RAS
Far East Branch RAS

Far East Geological Institute FEB RAS
Institute of Volcanology and Seismology FEB RAS
Geophysical Center RAS

INTERNATIONAL CONFERENCE

**MODERN INFORMATION TECHNOLOGIES
IN THE EARTH SCIENCES**

<http://kamchatka2014.fegi.ru>

On the questions connected with the scientific Program of Conference, we ask you to address to:

Dr. Vera V. Naumova, head of Computer Science Laboratory of the Far East geological institute FEB RAS, Vladivostok, naumova@fegi.ru

All your inquiries should be addressed to secretaries:

Ph.D. Irina S. Golubenko (participants from Russia) North-Eastern Complex Research Institute of FEB RAS, Magadan, golubenko@fegi.ru

Tatiana V. Bunaeva (foreign participants) Institute of Geochemistry of SB RAS, Irkutsk, tbunaeva@gmail.com

For information regarding visa support documents, please contact
Oxana Evdokimova, Institute of Volcanology and Seismology FEB RAS, Foreign Department, evdokimova@kscnet.ru

Petropavlovsk on Kamchatka
September 8-13, 2014

MODERN INFORMATION TECHNOLOGIES IN THE EARTH SCIENCES



We are pleased to announce the third meeting of the International Conference on Modern Information Technologies in the Earth Sciences, organized by Far East Geological Institute FEB RAS, Institute of Volcanology and Seismology FEB RAS, Geophysical Center RAS, with previous meetings in Magadan (2008) and Vladivostok (2010). Providing a specialized forum to researchers and practitioners interested in information technologies in Earth Sciences, Conference welcomes not only theoretical contributions but also application-oriented.

The goal of the International conference is to attract the leading researchers and experts working in information technologies, applied mathematics, geoinformatics, geophysics, system analysis, to exchange acquired knowledge and experience, as well as to discuss possibilities for setting up joint projects and programs.

The scope of conference issues to be discussed:

- Networking for data acquisition. Development of the systems for remote monitoring of natural phenomena.
- Remote sensing. Satellite monitoring of the environment. Techniques to analyze satellite data. Services for operational access to satellite data and systems for their processing.
- Open access as the modern practice of scientific communication. Electronic libraries and collections. Integration of territory-distributed heterogeneous data collected in the field of Earth sciences.
- Virtual research media and laboratories.
- Unified communications. Cloud technologies. Corporate portals. Experience of constructing and related problems.
- Geoinformation provisions of fundamental investigations in Earth sciences. Infrastructure of spatial data. Problems of spatial data integration, services and applications. Intellectual GIS.
- Mathematic modeling of natural processes. Mathematic methods of information analysis.

PROGRAM COMMITTEE:

Chairman:

- Gliko A.O., academician, Department on Earth Sciences RAS, The Schmidt Institute of Physics of the Earth of the Russian Academy of Sciences, Moscow

Co-chairmen:

- Khanchuk A.I., academician, Far East Geological Institute FEB RAS, Vladivostok
- Gordeev E.I., academician, Institute of Volcanology and Seismology FEB RAS, Petropavlovsk on Kamchatka
- A.D.Gvishiani, academician, Geophysical Center RAS, Moscow

Deputy chairmen:

- Naumova V.V., prof, Far East Geological Institute FEB RAS, Vladivostok
- Muraviev Ia. D., prof, Institute of Volcanology and Seismology FEB RAS, Petropavlovsk on Kamchatka

Secretaries:

- Golubenko I. S., North-Eastern Complex Research Institute of FEB RAS, Magadan
- Bunaeva T. V., Institute of Geochemistry of SB RAS, Irkutsk

Accommodation:

The participants are proposed to get accommodation at «BelKamTour» hotel located at the Paratunka place, 40 km away from city Petropavlovsk on Kamchatka.

Excursions:

The program includes excursion at the Institute of Volcanology and Seismology, a sightseeing tour in the city of Petropavlovsk on Kamchatka and a one-day excursion/field trip around the Mutnovsky volcano to learn about its origin and relation with the geological evolution of the Kamchatka Peninsula. The accompany persons will be offered a special program.