



Second Circular

INTERCARTO – INTERGIS 14

SUSTAINABLE DEVELOPMENT OF TERRITORIES:
GIS THEORY AND PRACTICE

29 Jun – 1 July 2008

Urumqi- Lhasa, China

Welcome

Dear Colleagues,

Thank you for your interest in the **Urumqi-Lhasa** China part of the International Conference of INTERCARTO – INTERGIS 14. We would like to invite you to confirm your participation and book your accommodation. You will also find information about excursions, fees and the scientific program in this Circular (and as PDF-File: [linkage here](#)). You are welcome to submit an abstract, if you wish to present your scientific contribution in one of the Conference sessions on SUSTAINABLE DEVELOPMENT OF TERRITORIES: GIS THEORY AND PRACTICE. Up to now we have already received more than 60 registrations from about 10 different countries and regions.

We are looking forward to meeting you in 2008 in Urumqi China!

Location and Venue

The Conference will take place in Urumqi at the Hotel World Plaza. Plenary and parallel sessions as well as poster sessions will be held in the main exhibition building of the Hotel. The registration desk will be in **the entrance hall** of this building during conference hours. Registration will be possible on Jun 28 2008 in the lobby of hotel building and during conference hours in the exhibition building.



Organizing Committee

Co-chairs - Alexey Chumachenko (Saratov, Russia), Xi Chen (Urumqi, China),
Ferjan Ormeling (Netherlands), Vladimir Tikunov (Moscow, Russia).
Alishir Kurban, Urumqi, China (Secretary General)

Members of organizing committee:

- Petr Baklanov, Russia
- Vitaly Belozеров, Russia
- Francois Bouille, France
- Vitaly Ivanov, Ukraine
- Jianya Gong, Wuhan, China
- Nikalay Kasimov, Russia
- Milan Konecny, Czech Republic
- Deren Li, Wuhan, China
- Zhilin Li, Hong Kong
- Hui Lin, Hong Kong
- Lorenzo Martínez Ramón, Spain
- Kim Myungjin, Korea
- Leonid Rudenko, Ukraine
- Eva Siekierska, Canada
- Josef Strobl, Austria
- Mike Wood, UK
- Qiming Zhou, Hong Kong
- Chenghu Zhou, Beijing, China

Time Schedule

28 Jun (Saturday):	Arrival, Registration
29 Jun (Sunday):	Plenary and Parallel Sessions, Get-together Reception
30 Jun (Monday):	Plenary and Parallel Sessions, Advisory Council Meeting Mid-Conference Excursions
1 July (Tuesday):	Parallel Sessions, Closing Plenary Session, Symposium Dinner
2 July (Wednesday):	Departure
	Post-Conference Excursion Tour1 and Tour2
3-19 July:	Post-Conference Excursion Tour3



Deadlines

- 15 April 2008:** Deadline for Receipt of Full Paper for Publishing in the Proceedings.
- 10 May 2008:** Deadline for booking of Lhasa Tibet Trip. Other tour lines are still available after this day for booking.
- 15 Jun 2008:** Final Deadline for Booking of Accommodation for a Reduced Price, but still available with normal seasonal price to all participants after this day.
- 20 June 2008:** Those Persons who still did not Pay the Fees are definitely Asked to Confirm their Willingness to Participate by Contacting the Organizers. All reduced price is not available from this day.

Scientific Program

The InterCarto-InterGIS 14 international conference will focus on the development of the theory and method of Cartography and Geographical Information Sciences and Technology for sustainable development of regional and global scale.

Session Themes

- 1 Land Surface Processes and LUCC Study in Arid Land of Central Asia Based on Remote Sensing and GIS
- 2 Representation of Space and Time in Cartography and GIS
- 3 Geoinformational Insurance of Sustainable Development of Territories (incl. theory, geopolitical processes and management of territories) with Special Focus on Mountain Territories and Dry Land in Central Asia
- 4 Border Studies
- 5 Spatial Data Infrastructures for Territories of Oil and Gas Extraction Adequate to Sustainable Development Criteria
- 6 Medical-Geographical Aspects of Sustainable Development (mapping, indicators etc.)
- 7 Geospatial Information on Natural and Cultural Heritage with Special Focus on Central Asia
- 8 Sustainable Development and Tourism (problems and perspectives)
- 9 Education for Sustainable Development



Lectures and Posters

Plenary lectures will be presented by invited speakers. Speakers for the parallel sessions will be selected on the basis of scientific quality, information content and clarity of the submitted abstracts or full papers. Additionally, some lectures in parallel sessions will be given by invited speakers.

Time for presentations:

Plenary sessions: 30 min. presentation (no discussion)

Parallel sessions: 15 min. presentation + 5 min. discussion

All speakers must keep strictly to the time schedule and should not use the discussion time for completing their presentations. The lecture rooms will be equipped with computer projectors (beamers) only. Speakers requiring film projectors, overhead projectors, video equipment (VHS), slide projectors for 50 x 50 mm frame slides or double slide projection must inform the organizer one month earlier.

Posters should be prepared as follows:

Maximum **height: 120 cm**, maximum **width: 80 cm** (not more!).

The title should be indicated at the top with letters more than 4 cm high.

Under the title the full name(s) of the author(s) should be given. A photograph of the presenting author(s) should be attached next to the title.

Poster text should be short with letters which are more than 0.5 cm high (< 20 pt). Instead, diagrams, maps, photographs, drawings, graphics and summarizing tables should be used as far as possible.

Publications

It is planned to publish proceedings in Russia by publishing house?

It is intended to publish a selected number of papers as Special Features in refereed international journals (e.g. Geoinformatica, Arid land Geography, Arid Zone Research).

Language

The Symposium language will be English, Russian and Chinese (with interpreter was asked in Urumqi for Russian).



PRELIMINARY PROGRAMM

(Russian participants)

SECTION 1 :Representation of space and time in cartography and GIS

Galina V. Sdasyuk ACCELERATION OF NON-SUSTAINABLE DEVELOPMENT –
AND PROBLEMS OF ADEQUATE PERCEPTION

B.B. Serapinas FUNCTIONAL ASPECTS OF GEOIMAGES

Alexey V.Tikunov, Irina N.Tikunova, Anatoly M.Trofimov, Tatiana A.Trofimova
DEVELOPMENT AS COMPLEX PROCESS AND THE METHOD OF
SUSTAINABLE DEVELOPMENT

A.G.Druzhinin GEOINFORMATIONAL MONITORING AND CARTOGRAPHICAL
MODELING OF METROPOLIS POST-SOVIET SPATIAL EVOLUTION. THE
CASE OF ROSTOV-ON-DON

N.E. Kosykh, S.Z.Savin, S.L.Turkov VIRTUAL INFORMATION MODELS FOR
NEOGEOGRAPHY

M.V.Gribok MAPPING OF THE MASS MEDIA IMAGE OF RUSSIA

Kravtsova V.I., Konfektov M.N. SPATIAL-TEMPORAL REGULARITIES OF
SETTLEMENTS GROWTH AROUND MOSCOW BASED AT MAPPING BY
SATELLITE IMAGES

A.D.Kitov, A.K.Cherkashin GEOLOGICAL STRUCTURES AS A DISPLAY BASIS
OF REGULAR GRID-STRUCTURES (ON EXAMPLE OF PRIBAYKALIE)

E.V.Lipatova, S.A.Osokin, B.B. Serapinas REPRESENTATION OF THE
POSITIONAL INFORMATION OF THE SPATIAL DATA

T.I. Kuznetsova INFORMATION AND CARTOGRAPHICAL MONITORING OF
EXISTENTIAL DIFFERENTIATION OF INTERACTION OF A SOCIETY
WITH AN ENVIRONMENT



S.L. Turkov THEORETICAL PROBLEMS OF CONCEPTION FOR THE
ECOLOGICAL FRAME FORMATION OF TERRITORIES

S.V. Pyankov, V.G. Kalinin DATA PROCESSING WITH CONTINUOUS SPATIAL
CHARACTERISTICS IN HYDROLOGICAL GIS «BASIN OF VOTKINSKOE
WATER STORAGE RESERVOIR»

**SECTION 2 : Geoinformational insurance of sustainable development of
territories**

V.G.Bondur, A.I.Savin, V.S.Tikunov MAIN TASKS IN THE FIELD OF
SUSTAINABLE DEVELOPMENT

N.W.Gontar URBANIZATION OF MOUNTAIN AREAS AS THE FACTOR OF
SUSTAINABLE SOCIAL AND ECONOMIC DEVELOPMENT OF THE SOUTH
OF RUSSIA

V. A .Svetlosanov, V.N .Kudin, A. N. Kulikov ABOUT ONE
CRITERION OF REGIONAL SUSTAINABLE DEVELOPMENT
EVALUATION

T.M.Krasovskaya, V.S.Tikunov SYSTEM ANALYSIS AS A BASIS FOR
SMALL-SCALE MAPPING OF NATURE MANAGEMENT IN KARELIA

V.G.Linnik A GIS-BASED DECISION SUPPORT SYSTEM TO FORECAST MILK
PRODUCTION FOR RADIONUCLIDE CONTAMINATED TERRITORIES IN
THE BRYANSK REGION

A.Ya.Gienko ON THE USE OF NATURAL RESOURCES IN KRASNOYARSK
REGION AND ROLE OF SATELLITE IMAGERY FOR ECOLOGICAL STUDIES

A.V.Shitov GEOINFORMATION'S ANALYSIS INFLUENCING OF GORNY
ALTAI'S GEOLOGICAL-GEOPHYSICAL STRUCTURE IN SPATIAL
DISTRIBUTION OF TECHNOLOGICAL CONTAMINATION

Vladimir S.Tikunov, Olesya Yu.Chuklova MAPPING OF SOCIAL TENSION IN
UKRAINE



E.A. Bazhenova SOCIAL TENSION MAPPING (ON THE TERRITORY OF SOUTH FEDERAL DISTRICT OF RUSSIA)

O.I. Kazantseva GEOINFORMATION MAINTENANCE OF THE ESTIMATION OF THE HUMAN LIFE QUALITY

N.V.Ryabova REFLECTION OF "NEW" SOCIETY IN THE REGIONAL ATLASES

A.N.Savvinova, V.D.Fedorova CARTOGRAPHIC MONITORING OF PROCESSES OF REALIZATION OF PRIORITY NATIONAL PROJECTS FOR THE PURPOSES OF SUSTAINABLE SOCIAL AND ECONOMIC DEVELOPMENT OF REGION

SECTION 3 : Spatial data infrastructures and methods of cartographical and geoinformatical modeling

Vladimir S. Tikunov, Andrey I. Treyvish THE GEOGRAPHICAL DIMENSIONS OF COUNTRIES AND REGIONS: MAPPING AND ANALYSIS

G.Gienko, M.Govorov, A.Gienko, B.Maguire, Y.Khmelevsky PARTICIPATORY MECHANISM AND MEDIA DATA PORTAL FOR VISUAL IMAGE ANALYSIS

A.V.Koshkarev FUNCTIONALITY OF SDI GEO-PORTAL

Yu.N.Golubchikov, M.B.Woithsehovskij THE HIGH MOUNTAINS PLANTS ENERGY IN THE HIGH-LATITUDINAL INTRODUCTION

N.S.Kuznetsova, I.A.Rylski LIDAR AIRCRAFT SYSTEM - METHOD CHARACTERISTICS AND PROSPECTS OF APPLICATION IN GEOGRAPHICAL INVESTIGATIONS

A.S. Lachininskiy, G.D. Kuroshev COMPONENTS OF COMPLEX SEARCH GIS-SYSTEM

V.V. Kozin, D.M. Marinskikh, A.V. Marshinin, A.V. Osipov THE LANDSCAPE INFORMATION SYSTEM FOR DECISION-MAKING BY OIL-AND-GAS FIELD



DEVELOPMENT IN THE CONTEXT OF ENVIRONMENTAL SUSTAINABILITY:
EXPERIENCE FROM NORTH-WEST OF SIBERIA, RUSSIA

Yu.N.Golubchikov, V.V.Kravtsov THE COLD PERYGLACIAL DESERTS OF THE
WORLD

T.I. Kondratyeva, M.N. Gubanov THE DEVELOPMENT OF THE MAP "WORLD
NATURAL RESOURCES" FOR A NEW WALL EDUCATIONAL MAPS SERIES
(SCALE 1:20 000 000)

Alexei N. Polezhaev GIS PROJECT "VEGETATION OF THE NORTH OF THE
RUSSIAN FAR EAST"

N.N.Talskaya MAPS OF INDUSTRY IN KHANTY- MANSIYSKY
AUTONOMOUS PROVINCE ATLAS

I. U. Golodnikova, O. V. Kovaleva THE TRAVELLING MAP OF THE N. K.
ROERICH'S EXPEDITION TO CENTRAL ASIA

G.P. Nisimov GEOGRAPHICAL STRUCTURE AND MAPPING OF
GOVERNMENT DEBT

A. V. Simonov Mobile Geographic Information Systems

**SECTION 4 : Sustainable development and tourism (problems and
perspectives)**

O.A. Alekseenko USING GEOGRAPHIC INFORMATION SYSTEM (GIS) AND
APPLICATION FOR TOURISM DEVELOPMENT

V.V.Dolotov, V.A.Ivanov PERSPECTIVES OF CRIMEA RECREATIONAL POTENTIAL
EVALUATION

M. Vikulina ESTIMATION AND MAPPING OF AVALANCHE ACTION OF



KHIBINY MOUNTAINS (RUSSIA) WITH APPLICATION GIS –
TECHNOLOGIES

O.B.Mazbayev, R.T.Alishева USING MODERN INFORMATION TECHNOLOGIES
FOR MANAGEMENT IN TOURISM

SECTION 5 : Medical-geographical aspects of sustainable development

(mapping, indicators etc.)

D.O. Dushkova, T.A.Vorobyova MEDICAL-ECOLOGICAL MAPPING IN THE
REGIONS OF TECHNOGENIC POLLUTION (EXEMPLIFIED BY THE
EUROPEAN NORTH OF RUSSIA)

O. I. Zhukovsky, Yu.B. Gritsenko APPLICATION OF WEB-ORIENTED
GEOGRAPHIC INFORMATION SYSTEM IN MEDICO-SOCIAL RESEARCHES

A.V. Shitov STUDY OF INFLUENCE OF THE GEOLOGICAL FACTORS ON
CHANGE OF ILLNESS OF THE POPULATION OF REPUBLIC ALTAI

SECTION 6 : Border studies

N.G.Stepanko FORMATION ECOLOGICAL-ECONOMICAL PROCESSES IN
FRONTIER REGIONS

Vladimir S. Tikunov, Sergey E. Koshelev SPATIAL MODELS OF TRAFFIC FLOW
FORECAST (for the territory of Kaliningrad region)

D.S. Vishnevskiy, A.V. Kharchenko COMPREHENSIVE CARTOGRAPHIC DESCRIPTION
OF THE FOREIGN ECONOMIC SECTOR IN THE REGIONAL ECONOMY

SECTION 7 :Education for sustainable development

Oleg V. Gavrilov, Olga I. Kotova ELABORATION OF ATLAS OF THE



MURMANSK REGION FOR 6-7 SCHOOL CLASSES

Veronika A. Kislova, Vladimir S. Tikunov WORKING OUT "SOCIAL-ECONOMIC
MAPPING" COURSE FOR E-LEARNING

N.A. Alekseenko, A.A. Medvedev USE OF MULTIMEDIA TECHNOLOGY IN
ECOLOGICAL EDUCATION