



International Eurasian Academy of Sciences



Хельсинки
Helsinki

Москва
Moscow

Пекин
Beijin

Международная академия наук Евразии



International Eurasian Academy of Sciences (IEAS)

ACTIVITIES OF IEAS

**President of IEAS
Valery G. BONDUR**

MAIN TASKS AND PRIORITY AREAS OF ACTIVITY OF IEAS



Priority areas of IEAS's activity are:

- implementing researches and applying their results;
- preparing scientifically grounded appraisals of international, governmental, and social programs and projects;
- developing expert recommendations for solving specific tasks faced by both individual countries and unities of countries and international agencies



IEAS General Assembly (Beijing)

MAIN TASKS OF IEAS:

- Developing and using new methods and systems of environmental monitoring (including space ones);
- Forecasting natural and technogenic processes dangerous for a human and his economical activity and their prevention;
- Developing geoinformatics based on common worldwide technological principles and standards;
- Promoting implementation of power-saving and science intensive technologies;
- Expert judgement of damage to the nature and human health caused by emissions of hazardous matter into the atmosphere, water and other objects of the environment



STRUCTURE OF IEAS



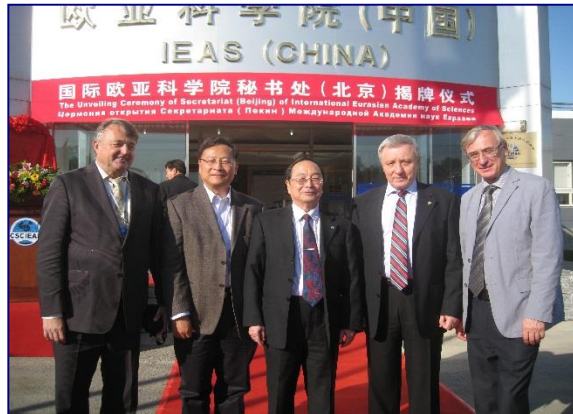
The main structural units of the International Eurasian Academy of Sciences are the Regional Scientific Centers. Regional centers are formed on the basis of National Scientific Centers.

In IEAS, three Regional Scientific Centers have been established:

- European-Asian Regional Scientific Center (headquarters in Moscow, president – academician IEAS Vladimir Tikunov);
- Asia-Pacific Regional Scientific Center (headquarters in Beijing, president – academician IEAS Wang Qinmin);
- European Regional Scientific Center (headquarters in Helsinki, president – academician Markku Kulmala).



Delivery of IEAS diplomas in Helsinki



IEAS Academicians by the building of IEAS Chinese Scientific Center



Delivery of IEAS diplomas in Moscow

IEAS MANAGING BOARD



The highest decision-making body of IEAS is the Assembly of its members.

The Presidium of IEAS is the governing body of IEAS in the period between the Assemblies. The Presidium includes the President, the Past President, the Presidents of the Regional Centers, Vice Presidents, the Chief Scientific Secretary, and the Presidents of the major National Centers (with at least 30 members).

The Presidium Bureau is formed to solve the ongoing issues of IEAS activities.

Secretariats are formed on the basis of 3 Regional Centers, they are the working bodies of IEAS.

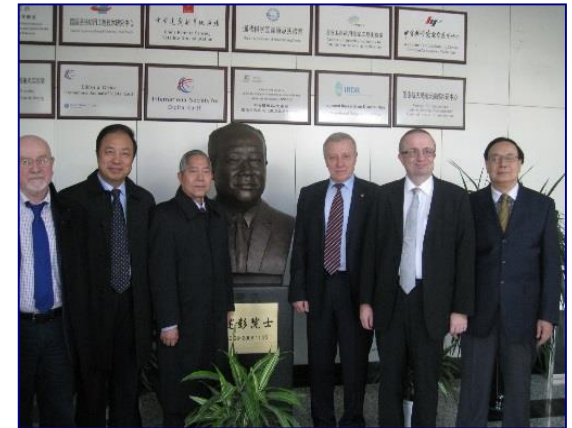
The headquarters of IEAS is determined by the location of the President of the Academy. Currently it is Moscow.



Meeting of the IEAS Bureau (Moscow)



International Forum organized by IEAS (Beijing)



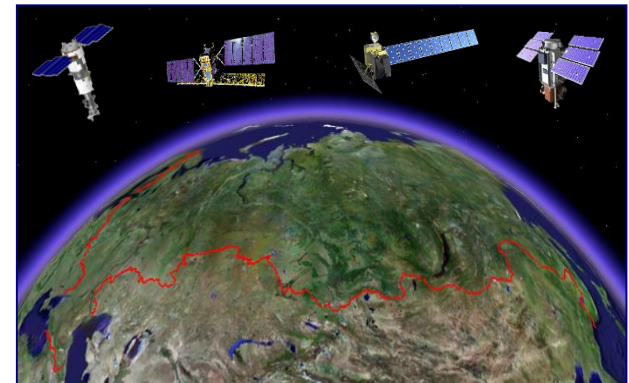
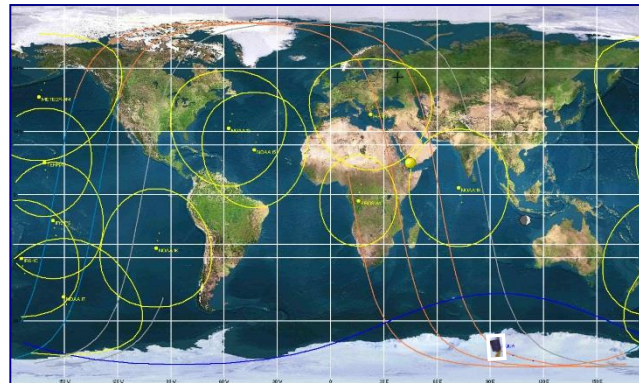
IEAS Academicians by the bust of Sheng Shupeng (Beijing)

SOME MAIN RESULTS OF IEAS ACTIVITIES

Some of the most significant of them are:

- **All-European Intergovernmental Meeting "Development of Environmental Monitoring Systems in the European Region (Moscow, Russia). It was attended by ministers of environmental protection from 28 countries.**

The meeting was organized by the State Committee for Environmental Protection of the Russian Federation; The Russian Scientific Center of IEAS; The UK Department for International Development; The Agency for Environmental Protection of Denmark and the State Environmental Fund of Russia.



SOME MAIN RESULTS OF IEAS ACTIVITIES



- High-profile scientific forum "Science and technology in the 21st century for the implementation of the green economy and sustainable development (Beijing, China, 2012);
- Scientific and Technological Forum "Environmental Protection and Ecological Construction of the Eurasian Cities" in the framework of the Eurasian Forum (Xi'an, China, 2013);
- Conducting 27 annual InterCarto / InterGIS conferences together with International Cartographic Association, the International Geographical Union, the Russian Geographical Society, etc.(various countries and cities, 1994-2021).



SOME MAIN RESULTS OF IEAS ACTIVITIES



Research projects

IEAS Scientific Centers carried out and participated in 49 scientific projects. This activity is rising in recent years. Examples of such projects:

MEGAPOLIS – integration technologies for evaluation of atmospheric pollution in megacities on regional and global scales based on air, space and ground monitoring for reduction of negative consequences of anthropogenic impacts (Joint project, Russia – EU)



Principals investigators of
MEGAPOLIS/MEGAPOLI projects –
Academicians Bondur and Baklanov

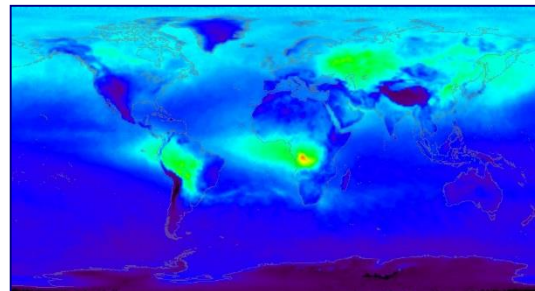
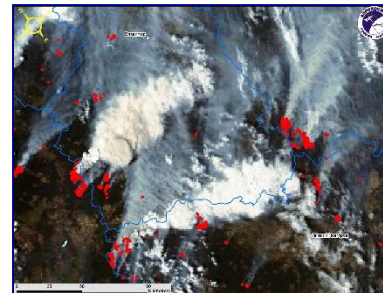
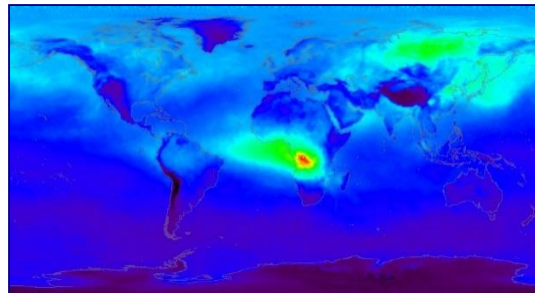
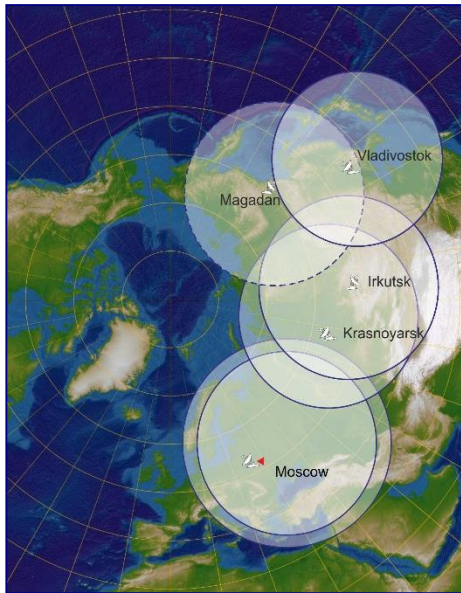


SOME MAIN RESULTS OF IEAS ACTIVITIES



Research projects

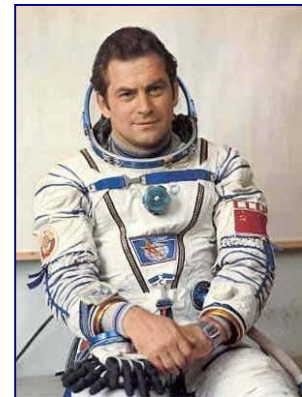
- Development of monitoring methods of the dynamics of natural and anthropogenic emissions of trace gases and aerosols in the atmosphere based on satellite data and modeling results (Joint project, Russia - EU);
- Development of methods and technologies of assessment of carbon-bearing trace gases and aerosol emission volume and their distribution in the atmosphere of Northern and Eastern Eurasia based on satellite monitoring» (Joint project, Russia-China).



SOME MAIN RESULTS OF IEAS ACTIVITIES

Research projects

- Atmosphere-hydrosphere interaction in the Baltic Basin and Arctic Seas: satellite monitoring using data from different spectral ranges, restoration of characteristics of the surface waves and the subsurface water layers from satellite images (Joint project, Russia-Finland);
- China State Project: "Influence of astronomical factors and the movement of the globe on climate change" (Chinese Scientific Center of IEAS);
- China State Project "Experimental city of Turpan. New energy resources«;
- PEEEX research initiative (Pan-Eurasian Experiment), implemented by scientists from the EU, Russia and China;
- An important aspect of IEAS activity is provision of consulting services and expertise.



SOME MAIN RESULTS OF IEAS ACTIVITIES

Over the past period, IEAS hosted or participated in:

- 18 forums;
- 90 conferences and symposia;
- 14 major international events.



INTERCARTO. INTERGIS CONFERENCE SERIES



Конференция ИнтерКарто. ИнтерГИС
Conferencia InterCarto. InterSIG
InterCarto. InterGIS 会议

Материалы
Международной конференции
ИнтерКарто. ИнтерГИС

Ташкент (Узбекистан), 1–2 июня,
Пятигорск (Россия), 24–26 сентября,
Тбилиси (Грузия), 28–29 сентября, 2020

Том 26. Часть 1

Proceedings
of the International conference
InterCarto. InterGIS

Tashkent (Uzbekistan), June 1–2,
Pyatigorsk (Russia), September 24–26,
Tbilisi (Georgia), September 28–29, 2020

Volume 26. Part 1

InterCarto 1 — Moscow, May 23–25, 1994
InterCarto 2 — Irkutsk, June 26–29, 1996
InterCarto 3 — Novosibirsk, January 27–31, 1997
InterCarto 4 — Barnaul, July 1–4, 1998
InterCarto 5 — Yakutsk, June 17–19, 1999
InterCarto 6 — Apatity, Murmansk Province, August 22–24, 2000
InterCarto 7 — Petropavlovsk-Kamchatsky, July 30 – August 1, 2001
InterCarto 8 — Helsinki (Finland), St.-Petersburg, May 28–June 1, 2002
InterCarto 9 — Novorossiysk, Sevastopol (Ukraine), June 25–29, 2003
InterCarto. InterGIS10 — Vladivostok, Changchun (China), July 12–19, 2004
InterCarto. InterGIS11 — Stavropol, Dombai, Budapest (Hungary), September 25 –October 3, 2005
InterCarto. InterGIS12 — Kaliningrad, Berlin (Germany), August 25–31, 2006
InterCarto. InterGIS13 — Khanty-Mansiysk, Yellowknife (Canada), August 12–24, 2007
InterCarto. InterGIS14 — Saratov, Urumqi (China), June 24 –July 1, 2008
InterCarto. InterGIS15 — Perm, Ghent (Belgium), June 29 –July 5, 2009
InterCarto. InterGIS 16 — Rostov-on-Don, Salzburg (Austria), July 3–8, 2010
InterCarto. InterGIS17 — Belokurikha, Altaysky Kray, Denpasar (Indonesia), December 14–19, 2011
InterCarto. InterGIS18 — Smolensk, St. Die des Vosges (France), June 26 –July 4, 2012
InterCarto. InterGIS19 — Kursk, Bogota (Colombia), February 2–8, 2013
InterCarto. InterGIS 20 — Belgorod, Kharkov (Ukraine), Kigali (Rwanda), Nairobi (Kenya), July 23 –August 6, 2014
InterCarto. InterGIS 21 — Krasnodar, Sochi, Suva (Fiji), November 12–19, 2015
InterCarto. InterGIS22 — Wellington (New Zealand), Melbourne (Australia), Protvino, Moscow Region, August 31 –September 14, 2016
InterCarto. InterGIS 23 — Yuzhno-Sakhalinsk, Seoul (Republic of Korea), Washington DC (USA), June 26 –July 7, 2017
InterCarto. InterGIS 24 — Petrozavodsk (Republic of Karelia), July 19–22, Bonn (Germany), July 24–28, Anchorage (USA), July 30 – August 1, 2018
InterCarto. InterGIS 25 — Murmansk, January 30 – February 2, Tokyo (Japan), July 20, 2019
InterCarto. InterGIS 26 — Tashkent (Uzbekistan), 1–2 June, Pyatigorsk, September 24–26, Tbilisi (Georgia), September 28–29, 2020
InterCarto. InterGIS 27 — Apatity (Murmansk region, Russia), August 21–23, Nur-Sultan (Kazakhstan), August 25–27, 2021

الجغرافيا المعلوماتية ونظم المعلومات الجغرافية
Conférence InterCarto. InterSIG
InterCarto. InterGIS Conference

26
Part 1

ATLAS OF THE GREATER ALTAI IN THE CONTEXT OF THE CREATION OF THE NEW SILK ROAD ECONOMIC BELT





PUBLICATION ACTIVITIES OF IEAS SCIENTISTS



THE MAIN PROMISING ACTIVITY AREAS OF IEAS

- Expansion of communication and cooperation with international organizations, including UNESCO;
- Strengthening the influence of IEAS internationally;
- Development of existing and creation of new IEAS National Scientific Centers;
- Improvement of the activities of IEAS Regional Scientific Centers;
- Creation of new international scientific programs and wider participation of IEAS members in the implementation of significant international projects;
- Improvement of the organizational structure and working bodies of IEAS;
- Publication of indexed scientific journals under the umbrella of IEAS.



Delivery of the diploma to
Academician Rauschenbah
(Moscow, 1995)



IEAS General Assembly
in 1996 (Moscow)



Academicians Bondur and Jiang
Zhenghua at the opening ceremony
of IEAS Secretariat Building, Beijing



International Eurasian Academy of Sciences (IEAS)



CONGRATULATIONS TO THE NEW IEAS MEMBERS!



THANK YOU FOR YOUR ATTENTION !



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Moscow

Пекин
Beijing

СПАСИБО ЗА ВНИМАНИЕ !