

**International Workshop on Computational Information Technologies for  
Environmental Sciences: “CITES-2009” and Regional (Siberia) NEESPI Science  
Team Workshop**

Krasnoyarsk, Russia, 11-15 July, 2009  
**First Announcement and Call for Papers**

Siberian Center for Environment Research and Training (SCERT) together with the Institute for Numerical Mathematics RAS (INM), Institute of Monitoring of Climatic and Ecological Systems SB RAS (IMCES), Siberian Federal University and Institute of Computational Modeling (ICM) SB RAS with the support of the Asia Pacific Network, and the International START Secretariat will hold the eleven-day-long scientific and educational Event that will include

- (a) an International Young Scientists School on Computational Information Technologies for Environmental Sciences **CITES-2009** (July 5-10, 2009),
- (b) an International Workshop devoted to the same theme (July 11-13, 2009), and
- (c) a Regional Northern Eurasia Earth Science Partnership Initiative (NEESPI) Research Workshop devoted to Climatic, Environmental, Land Cover-Land Use Change Studies in Siberia. (July 14-15, 2009).

The Event will be held in Krasnoyarsk, Russia in the heartland of Siberia (<http://neespi.org/images/RussiaKrasnoyarskCity.png>). The School and Workshops will take place on the premises of the Siberian Federal University, Akademgorodok, Krasnoyarsk. The Event is organized under auspices of the Russian National Committee for IGBP and its Siberian Branch, SB RAS Joint Scientific Councils on Earth Sciences and on Informatics and Nanotechnologies. The local Organizing Committee is chaired by Dr. Sergej Verkhovets (Siberian Federal University, Russia, e-mail: [dia@sfu-kras.ru](mailto:dia@sfu-kras.ru)).

The Young Scientists School on Computational Information Technologies for Environmental Sciences where special attention will be paid to *Application of Statistical Methods to Environmental Problems* will be held on July 5-10, 2009. All lectures at the school will be delivered in Russian. Those who are interested in attending the School can get further information at the event site <http://scert.ru/ru/>.

The International CITES Workshop and the NEESPI Workshop will be held immediately after the Young Scientists School. The School attendees and Lecturers are cordially invited to extend their stay in Krasnoyarsk and to participate in the **CITES-2009** International Workshop and the Regional NEESPI Workshop. However, the working language of the Workshops will be English.

**The CITES-2009 Workshop** will be opened on July 11, 2009 by one-day Practical Session “Ecological state of the Yenisey River” combined with a boat trip followed by a sequence of basic sessions (2 days) and Northern Eurasia Earth Science Partnership Initiative (NEESPI) Workshop (2 days). The audience of the Workshops will include scientists from around the world involved in environment-related studies in Siberia and beyond. Oral and Poster Sessions are planned. To enhance the educational component of the CITES Workshop, the organizers plan several additional invited one-hour lectures on modern problems of computational information technologies development and their application in environmental sciences. The Workshops’ Programs are currently under development. The CITES Workshop Sessions will be devoted to the following *four topics*:

- Environmental Data, metadata and ontologies
- Basic and applied information-computational systems
- Physics of the Climate System, and
- Urban and regional atmosphere: from modeling to monitoring and risk estimation.

**The NEESPI Workshop** is scheduled for July 14-15, 2009. At the Workshop, in addition to reports on advance of numerous NEESPI projects devoted to Siberia (cf., <http://neespi.org/science/invest.html>), assessment of the current state of understanding of processes that control regional environmental changes, and planning of the future NEESPI studies, a special attention (a special Session) will be devoted to the Siberian Integrated Regional Study (SIRS) – the Siberia-focused Environmental Mega-Project ongoing under the auspices of the Siberian Branch of the Russian Academy of Sciences.

The Program Committee will invite key specialists in the area to present invited papers covering the state of the art and their recent results obtained in the chosen directions. Also a limited number of papers will be selected for oral presentation. Contributed papers will be presented mainly at the poster Sessions. After the Workshop the program Committee will select papers for publication in the Special Issue of a peer-reviewed Journal. The power point presentations of the lectures and presented papers will be published at the special CITES-2009 and NEESPI web-sites and will be distributed among participants on CD.

Potential Workshops' participants are kindly requested to send their 1-page abstract and attendance plans to Mrs. Yulia Gordova, Secretary of the Event (E-mail: [cites@scert.ru](mailto:cites@scert.ru) or [office@scert.ru](mailto:office@scert.ru)). In addition to the abstract body, it should include: (1) Title, (2) Authors (presenting author first), (3) Affiliation and Address for Each Author (Mailing address, telephone, fax, e-mail, web site), (4) Topic chosen, and (5) suggested paper status (oral or poster)<sup>1</sup>. Russian authors are kindly asked to submit both Russian and English versions.

**ABSTRACT DEADLINE: 1 March 2009.** Registration fee for early career scientists and graduate students will be reduced.

The CITES-2009 Chairs are Professor Evgeny Gordov ([gordov@scert.ru](mailto:gordov@scert.ru)) and Academician Evgeny Vaganov ([rector@sfu-kras.ru](mailto:rector@sfu-kras.ru)). The CITES-2009 Workshop Program Committee is headed by academician V. Dymnikov (Institute for Numerical Mathematics, Russia). The Committee Members are: Prof. Dr. G. Begni (CNES, France), Prof. A. Baklanov (DMI, Denmark), Dr. A.Z. Fazliev (Institute of Atmospheric Optics SB RAS, Russia), RAS Corr. member A.M. Fedotov (Institute of Computational Technologies SB RAS, Russia), Prof. E.P. Gordov (SCERT, Russia), Prof. M. Heimann (MPI for Biogeochemistry, Germany), RAS Corr. member M.V. Kabanov (IMCES SB RAS, Russia), Doct. of Sci. (Phys.&Math.) V.A. Krutikov (IMCES SB RAS, Russia), Prof. V.N. Krupchatnikov (Institute of Computational Mathematics and Mathematical Geophysics SB RAS, Russia), RAS Corr. Member V.N. Lykosov (Institute for Numerical Mathematics RAS, Russia), RAS Corr. Member I.I. Mokhov (Institute of Atmospheric Physics RAS, Russia), Prof. A.A. Onuchin (Institute of Forest SB RAS, Russia), Prof. V.V. Penenko (Institute of Computational Mathematics and Mathematical Geophysics SB RAS, Russia), Prof. Schmullius Ch. (Friedrich - Schiller-University, Germany), Academician Yu.I. Shokin (Institute of Computational Technologies SB RAS, Russia), Prof. A.Z. Shvidenko (International Institute for Applied System analysis, Austria), Academician E.A. Vaganov (Federal Siberian University and Institute of Forest SB RAS, Russia), Dr. S.V. Verkhovets (Federal Siberian University, Russia), Prof. E.A. Zakarin (KazGeoKosmos, Kazakhstan), Prof. S. Zilitinkevich (Helsinki University, Finland), RAS Corr. Member V.V. Shaidurov.

The NEESPI Workshop will be chaired by Dr. P.Ya. Groisman, University Corporation for Atmospheric Research at NOAA National Climatic Data Center, USA ([pasha.groisman@noaa.gov](mailto:pasha.groisman@noaa.gov)). The Workshop will include a Special SIRS Session (Chairs/Organizers – Acad. E.A. Vaganov and Prof. E.P. Gordov, Russia)

***Mrs. Yulia Gordova, Secretary of the Event,***

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<sup>1</sup> Please note that only a limited number of papers will be presented as oral. As a rule contributed papers will get a status of short oral presentations supported by relevant poster. Mainly, oral papers will be suggested by the Program Committee and delivered by Invited Speakers. Those who'd like to present an oral paper, please, contact the Workshop Chairs (with Cc to the Secretary of the Event).