

Dear Colleagues,

On behalf of the European Branch of International Society of Ecological Modelling (ISEM) and Organizing Committee we would like to invite you to participate in the 5th European Conference on Ecological Modelling (ECEM5) during 19–23 September 2005 in Pushchino, Moscow Region, Russia.

As with previous 4th European Conference on Ecological Modelling, which was held in Bled, Slovenia in September 2004, this conference will emphasize the newest developments throughout the various topics of ecological modeling and will include all aspects of basic and applied research in ecological modelling.

The international character of ECEM 2005 will help to broaden our scientific horizons and facilitate and strengthen personal contacts with colleagues between western and eastern European countries and throughout the world. We especially encourage young scientists to participate; the registration fee for students has been kept as low as possible. The scientific contents and significance of ECEM 2005 are determined by contributions from the participants. We cordially invite you, therefore, to present your newest research results at this international forum and to interact with colleagues during discussions and coffee breaks.

The city of Pushchino, population 20,000, is located 120 kilometers to the South of Moscow on the bank of the Oka River. The city was founded in 1962 as home to Pushchino Biological Research Center of the Russian Academy of Sciences. Pushchino Research Center was created for the express purpose of bringing together a diverse research community to focus on current applied as well as fundamental problems in biology. This interdisciplinary approach was reflected in the make-up of the research faculty at the Center: from the beginning, 30% were biologists, while the remaining 70% were physicists, chemists, mathematicians, engineers and other research scientists. At the moment Pushchino Research Center includes 10 institutes including Institute of Basic Problems in Biology, Institute of Mathematical Problems in Biology, Institute of Physicochemical and Biological Problems in Soil Science and some others.

From the city's very beginning the citizens of Pushchino took an active part in the planning of the city to preserve the natural beauty of the landscape and create a clean, healthy and convenient city. Pushchino offers excellent conditions for outdoor recreation in the surrounding forests and on the Oka River. We wish you a stimulating, productive, and successful conference as well as a pleasant stay!

Conference Chairs:

Prof. Alexander S. Komarov (Russia)

Prof. Tarzan Legović, Vice-President ISEM (Croatia)

Abstract Submission

Abstracts (no longer than two pages) should be submitted in English by March 30, 2005. Notification of acceptance for presentation at the conference will be sent by e-mail by April 30, 2005. They will be reviewed by members of an international Program Committee for inclusion in an edited book. Final version of abstract after reviewing should be submitted by May 31, 2005.

Abstracts can be submitted online via the website. Detailed instructions are given on the website. Please read the instructions carefully.

Submission topics (not exhaustive)

■ Modelling for ecosystem management:

1. wildlife management
2. ecosystem based management
3. sustainability
4. managing renewable natural resources

■ Modelling growth and development processes in ecosystems:

- modeling elements cycles in terrestrial ecosystems
- statistical modelling of plant and animals communities dynamics
- modelling biodiversity changes
- population dynamics
- habitat modeling
- ecological energetics

■ Modelling catastrophic changes in the environment:

- modeling the spread of invasive species
- modeling of pollution impacts
- ecotoxicology (organism, population, community, ecosystem)
- outbreaks (pests, wildfires, floods, droughts)

Submission of full papers

Full papers should be submitted by June 30, 2005. They will be reviewed by members of an international Program Committee for inclusion in a special issue of the journal Ecological Modelling.

Registration

If you are interested in receiving future announcements as they become available, please fill in Registration Form at www.ECEM.psn.ru site on-line or off-line (Registration Form as MS Word document file can be also downloaded from the web). If you have any problems with registration please contact Organizing Committee by e-mail or fax (The address/fax/e-mail information for the Organizing Committee is listed below).

If you know others who might be interested in the Conference, but who might not have received this preliminary announcement, we ask that you please forward this announcement to them.

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