MSA 2015 invites applications from young scientists from around the world to investigate the challenges of natural resource management and economic growth, and explore methodologies to attack those challenges.

Who should apply? Young scientists in mathematics, economics, biology, or any related field with experience in modeling.

More information and application: www.agora.guru.ru/msa2015
Application deadline: 1 April 2015
Contact: msa2015@cs.msu.ru
Lecturers:

Sergey Aseev
Steklov Mathematical Institute, Russia & IIASA, Austria

Michael Ghil, University of California, USA & Ecole Normale Supérieure, France

Stefan Behringer
University Duisburg-Essen, Germany

Itziar Lazkano
University of Wisconsin–Milwaukee, USA

Andrea Mantovani
University of Bologna, Italy

Focus:

Moscow Summer Academy 2015 will focus on:

- Endogenous growth theory and new drivers of economic growth: moving towards inclusiveness and sustainability
- Mutual feedbacks and different time scales of changes in institutional, economic, climatic, and ecological systems
- Nonlinearities, structural changes, regime shifts and tipping points in human-earth systems’ functioning: understanding, predicting and influencing changes
- Incentivizing sustainable behavior: institution design
- Cooperation, fairness, and resource sharing
- The Arctic as a focal case of a non-linear social-ecological system undergoing rapid change

Program:

MSA 2015 offers an intensive two-week educational program:

- 10 working days
- Four hours of classroom lectures per day
- Four hours of interactive group work per day
- Poster presentation session

Participants who successfully complete MSA 2015 can earn up to 4 credits (ECTS)!

Please note: English language proficiency is required, course will be held in English.

MSA 2015 also offers an exciting social program which includes:

- Welcome reception
- Moscow city tour
- Local excursions
- Farewell dinner