**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.

# Apply now!

More information and application:

**www.agora.guru.ru/msa2015**

Application deadline: **1 April 2015**

Contact: **msa2015@cs.msu.ru**

MOSCOW SUMMER ACADEMY ON ECONOMIC GROWTH AND GOVERNANCE OF NATURAL RESOURCES

MSA – 2015 –

NordForsk

Research School for Socio-Economic and Natural Sciences of the Environment

GreenMAR
GREEN GROWTH BASED ON MARINE RESOURCES: ECOLOGICAL AND SOCIO-ECONOMIC CONSTRAINTS

International Institute for Applied Systems Analysis
IIASA

COMPLEX
Knowledge Based Climate Mitigation Systems for a Low Carbon Economy

CSA
innovative group

## Moscow Summer Academy on Economic Growth and Governance of Natural Resources

July 20th - August 1st 2015
at Moscow State University

# 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

**Alessandro Tavoni**
London School of Economics, United Kingdom

**Thomas Weber**
Ecole Polytechnique de Lausanne, Switzerland

**Anastasios Xepapadeas**
Athens University of Economics and Business, Greece

# 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