World Association of Soil and Water Conservation (WASWAC) together with Lomonosov Moscow State University is arranging online seminar series by leading World experts on water and soil modeling.

The School for Young Scientists "Modelling of water erosion, its hydrological and geochemical impacts" will be held online on December 1-6, 2022. Everyone can join the broadcast and learn about modelling of water erosion, its hydrological and geochemical impacts from various continents and river systems.

The program of the School: lectures by scientists - leading experts from China, Belgium, Iran Italy and Russia on the problems of water and soil erosion modeling, machine learning application and health assessment in hydrology:

- Seyed Hamidreza Sadeghi (Tarbiat Modares University, Iran)
- Ivan Lizaga (Ghent University, Belgium)
- Zhengzheng Zhou (Tongji University, China)
- Michael Maerker (Pavia University, Italy)
- Andrey Zhidkin (V.V. Dokuchaev Soil Science Institute, Russia)
- Paolo Porto (University Mediterranean of Reggio Calabria, Italy)

The working language of the School is English.

Registration deadline is **28 November, 2022** (10:00 CET)

All participants will receive *the certificate of attendances* upon for request.

The participation is free of charge based upon registration which should be done until December 1, 2022: https://megapolis2022.ru/register/. A link to the broadcast (zoom and YouTube interface) will be sent to registered participants.

The School for Young Scientists is organized in collaboration with the International Association of Hydrological Sciences (IAHS), WASWAC, Lomonosov Moscow State University with the support from Russian Science Foundation project – "Technology for assessing the environmental condition of the Moscow metropolis based on the analysis of the chemical composition of microparticles in the system "atmosphere-snow-road dust-soil-surface water" (MegaPolis; grant No 19-77-30004); the Russian Federation Government Megagrant – "Megapolis - heat and pollution island: interdisciplinary hydroclimatic, geochemical and ecological analysis" (grant No 075-15-2021-574).

Lomonosov Moscow State University

Russian Science Foundation

International Association of Hydrological Sciences IAHS

World Association of Soil and Water Conservation WASWAC

An international scientific cooperation program Mega-grants

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