School for Young Scientists

"Pollutant and sediment mobility in river systems: monitoring studies to identify human impacts"

25-27 November 2020

FACULTY OF GEOGRAPHY
Lomonosov Moscow State University

MEGAPOLIS 2020

DATE	TIME (MSC, UTC+3.00)	COURSE
	17:45	**Opening**
25 nov.	18:00-18:45	***Dr. Björn Helm*** - Particle-bound pollution from urban areas: significance, assessment and management
	19:00-19:45	***Dr. Sergey Chalov –*** Assessing suspended sediment patterns over large rivers using remote sensing techniques
26 nov.	11:00-11:45	***prof. Salomon Kroonenberg*** - The death of Western Europe's largest river Eridanos (and its recent resurrection)
	12:00-12:45	***prof. Adrian Collins*** - Exceedance of modern background sediment loss to rivers in England and Wales and scope for closing the gap using best management
	17-00 – 17:45	***Dr. Matthias Vanmaercke*** - Quantifying gully erosion and its impacts on sediment fluxes at regional scales: research needs and recent advancements
	18:00-18:45	***Dr. Caroline Clason*** - The downstream impacts of retreating glaciers on water quality and security
	19:00-19:45	***Dr. Sagy Cohen*** - Recent advances and future direction in global fluvial sediment modeling
27 nov.	14:00-14:45	***prof. Martina Flörke*** – Integrating monitoring and water quality modelling to assess human impacts
	15:00-15:45	***Dr. Edgardo Latrubesse*** - Sediment sources, sinks and human impacts on large south American rivers
	17:00-17:45	***Prof. Jeff Nittrouer*** - Hydrodynamics and sediment transport processes in the lowermost Mississippi River: insights into the role of non-uniform flow for affecting timing and magnitude of material movement, and applications for building deltaic land surfaces
	18:00-18:45	***Prof. Daniel Karthe*** - Water quality problems in the Mongolian subbasins of the Selenga - a Nexus perspective

11:00, MSC *= 03:00, CDT(Central Daylight Time)* *= 01:00, PDT(Pacific Daylight Time)*
= 10:00, EET(Eastern European Time) *= 09:00, CET(Central European Time)*
= 08:00, WET(Western European Time)