



## III International Scientific Conference on “Sustainable and Efficient Use of Energy, Water and Natural Resources”

### Wednesday, April 21, 2021

**Clean water: 1 - 1223 (2:00 PM - 5:00 PM)**

-Conveners: Aleksandr Tskhai

time	[id] title	presenter
2:00 PM	[M117] A Modified Water Scarcity Pinch for Regional Water Use Optimisation	JIA, Xuexiu
2:20 PM	[M106] The primary producer of the sea ecosystem under the influence of dredging.	Dr LIASHENKO, Oksana Dr LIASHENKO, Gennadij
2:35 PM	[M108] Combined toxic effect of potassium butyl xanthate and oil on duckweed (Lemna minor)	SAKSONOV , Michael STOM, Alina
2:50 PM	[M146] Two-dimensional smart material with programmable ionic channels for water purification	NIKITINA, Anna
3:05 PM	[M103] Natural and waste water treatment using an electrostatic field	MEDVEDEVA, Oksana Mrs SAUTKINA, Tatyana
3:20 PM	[M147] Экогидрологический механизм распределения фитопланктона в водоеме	Prof. TSKHAI, Aleksandr
3:35 PM	[M166] Study of the influence of groundwater impurities on the iron oxidation rate	MACHEKHINA, Ksenia
3:50 PM	[M100] INVESTIGATION OF HEAVY METAL DISTRIBUTION INFLUENCE IN AQUATIC PLANTS OF OVERGROWN RESERVOIRS	Ms SEMENOVA, Tatiana
4:00 PM	Coffee break	
4:10 PM	[M109] CaCl <sub>2</sub> -MIL-101(Cr) composite as adsorbent for potable water extraction from the atmosphere	KRIVOSHEEVA, Irina
4:20 PM	[M104] Change in the electrical conductivity of the medium under the action of toxicants on Elodea canadensis	ZYUZINA , Kseniya STOM, Devard
4:30 PM	[M135] Загрязнения ионами тяжелых металлов поверхностных вод рек Сибирского региона	ГОЛОВАНОВА, Ольга
4:40 PM	[M150] GROUNDWATER BALANCE SIMULATION FOR OPEN-PIT MINES IN THE SEMI-ARID AREAS: A CASE STUDY OF THE GANTOUR DEPOSIT, MOROCCO	Mr LABIED, othmane
4:50 PM	[M124] The use of a complex salt of osietilidene diphosphonic acid in the mechanism of phytoextraction of heavy metals in water bodies	Ms AVDEENKOVA, Tatiana