

# HYDROLOGIE, GIS A ŽIVOTNÍ PROSTŘEDÍ 2018

## PROGRAM KONFERENCE

PONDĚLÍ 11. 6. 2018

<b>09:45</b>	<b>Příjezd na Modravu, exkurze experimentální vybavení PŘF UK</b>	
<b>13:00</b>	<b>Oběd</b>	
<b>14:00</b>	<b>BLOK I</b>	
		<b>Úvodní slovo</b>
	<i>Markéta Báčová</i>	Monitoring of soil erosion degradation on agricultural fields using SfM photogrammetry
	<i>Hana Beitlerová</i>	Generating of input parameters for a physically-based soil erosion modelling – data mining of Complex soil survey data
	<i>Jan Devátý</i>	Soil erosion model Erosion-3D input parameters validation for Czech conditions – Validation data acquisition
	<i>Kateřina Fraindová</i>	Water quality and specific matter flow analyses in the source area of Blanice River in the Šumava Mts.
	<i>Štěpán Marval</i>	Thermographic imaging of river ecosystems
	<i>Michal Med</i>	How to make linked data work within INSPIRE
	<i>Jakub Stašek</i>	Measurement of surface runoff and sediment transport using rainfall simulator
	<i>Adam Tejkl</i>	Use of contactless monitoring for erosion protection
<b>15:30</b>	<b>Přestávka</b>	
<b>16:00</b>	<b>BLOK II</b>	
	<i>Aleš Balvín</i>	Modelling of tracer transport in artificial fracture of granite block
	<i>Johanna Ruth Blöcher</i>	Coupled water and heat flow in snowpack: Reviewing Models
	<i>Eliška Friedlová</i>	The calibration of spatial interpolation methods for the evaluation of hydrometric measurements
	<i>Jakub Jeřábek</i>	Factors influencing runoff from agricultural areas
	<i>Martin Kovář</i>	Effect of application of organic and mineral materials on hydro-physical properties of soils
	<i>David Řeháček</i>	Soil respiration at arable land in the Czech Republic
	<i>Martina Sobotková</i>	Effect of rainfall on structural changes of soil surface
	<i>Tomáš Laburda</i>	Assesing the effectiveness of soil erosion control technologies on steep slopes
	<i>Karel Vlasák</i>	Uncertainty analysis in HEC-HMS
<b>18:30</b>	<b>Večeře</b>	

# HYDROLOGIE, GIS A ŽIVOTNÍ PROSTŘEDÍ 2018

## PROGRAM KONFERENCE

ÚTERÝ 12. 6. 2018

<b>08:00</b>	<b>Snídaně</b>	
<b>09:00</b>	<b>BLOK III</b>	
	<i>Jiří Cajthaml</i>	Historic Vltava river - 3D modelling of valley
	<i>Tugba Dogan</i>	Impacts of Land Use Land Cover Changes on Urban Heat Island in Ljubljana, Slovenia
	<i>Kateřina Černochová</i>	Mapping of the historical ponds
	<i>Václav David</i>	RPAS application for monitoring of dam model changes
	<i>Josef Krása</i>	Methods of flow routing and their influence on soil erosion models
	<i>Petr Pavlík</i>	Modeling daily water balance in surface water bodies using hydrological signatures and regionalization approach
<b>10:15</b>	<b>Přestávka</b>	
<b>10:45</b>	<b>BLOK IV</b>	
	<i>Eva Krtková</i>	Projections of greenhouse gas emissions - Data preparation, model assumptions
	<i>Marta Martínková</i>	Rain Generator for Assessment of Climate Change Impact on Convective Precipitation
	<i>Vojtěch Moravec</i>	Assessment of land use change effects on drought characteristics and water quality using hydrological model HYPE
	<i>Luboš Mrkva</i>	Development of water quality in the Mastník bay at the mouth at the Slapy reservoir (Vltava)
	<i>Martin Neumann</i>	Comparison of rainfall kinetic energy measured with different types of disdrometers
	<i>David Zumr</i>	Effect of Rainfall Kinetic Energy on Soil Particles Detachment
	<i>Martin Vokoun</i>	Verification and calibration of the ensemble precipitation forecast for hydrological modelling
		<b>Závěrečné slovo</b>
<b>12:30</b>	<b>Oběd</b>	
<b>13:30</b>	<b>Exkurze do Boubínského pralesa</b>	