

# Final Conference

**Interreg Malsemuschel 2017-2020**

October 7<sup>th</sup> – 8<sup>th</sup>, Castle Český Krumlov



Two-day international scientific workshop

Conference dinner

Official project closing event

Targeted conference output:  
Special issue in scientific journal



This conference is the official conclusion of the four-year Interreg project *Malsemuschel*. The project findings will be disseminated to the scientific community, as well as to regional stakeholders and practitioners. To interlink with current research and projects related to Freshwater Pearl Mussels, external speakers from Czechia, Germany and Austria will present their work. As a scientific output, a special issue in an international research magazine is targeted.

Participation is free. Please register via E-Mail with your name and institution. Accommodation has to be organized individually. There are rooms available at the conference venue itself (<https://www.zamek-ceskykrumlov.cz/en/Study-Centre>), in Castle Apartments (<https://www.zameckaapartma.cz>) and in various other accommodations in the city center.

Head of Local Organizing Committee: Priv.-Doz. Dipl.-Ing. Dr.nat.techn. Christoph Hauer  
Registration and information: [sophie.stelzer@boku.ac.at](mailto:sophie.stelzer@boku.ac.at) and [www.malsemuschel.com](http://www.malsemuschel.com)



Ministerstvo životního prostředí



Výzkumný ústav  
vodohospodářský  
T. G. Masaryka  
veřejná výzkumná instituce



## Schedule (subject to changes)

### 7.10.

Registration	10:30-11:00
Opening	11:00-11:15

Key Note Speakers – European Overview		
Jürgen Geist	Challenges and Chances in European Freshwater Pearl Mussel Conservation	11:15-12:00
Christoph Hauer	The importance of scaling sediment dynamics for Freshwater Pearl Mussel habitat assessment and restoration: A European perspective	12:00-12:45

Extended Coffee Break	12:45-13:45
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Session 1 - Three countries – one goal		
Jana Švaříčková	Action Plan for The Freshwater Pearl Mussel in The Czech Republic	13:45-14:10
Marco Denic	The Project MARA - next step in German Pearl mussel conservation	14:10-14:35
Daniel Daill	Rearing of freshwater pearl mussels ( <i>Margaritifera margaritifera</i> ) in Austria – challenges and improvement strategies	14:35-15:00

Coffee Break	15:00-15:20
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Session 2 – Reproduction and host species		
Bohumil Dort, Věra Kladivová, Jana Švaříčková	Malsemuschel - Breeding of Malše Pearl Mussels	15:20-15:45
Ondrej Spisar	Support the population of brown trout by "in-situ" methods	15:45-16:10
Karel Douda	Host associations of freshwater mussels – inferences for the conservation management in Malše River	16:10-16:35

City Tour	17:30-19:00
Dinner	19:00



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### 8.10.

<b>Introduction</b>	08:30-08:35
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<b>Session 3 – Nutritional requirements and pollution</b>		
Felix Grunicke	Insights into nutritional requirements of freshwater pearl mussels.	08:35-09:00
Rebecca Hoess, Juergen Geist	Impact of fish pond drainage on fine sediment deposition and nutrient concentrations in receiving pearl mussel streams	09:00-09:25
Peter Flödl	Determination of particle-bound nutrient and micropollutants concentrations and loads in small freshwater pearl mussel rivers - a novel method for sampling suspended sediments	09:25-09:50

<b>Coffee Break</b>	09:50-10:10
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<b>Session 4 – Management aspects for water quality in the Malše river</b>		
Věra Kladivová, Ondřej Simon	Water quality trends in Malše river and accident pollution	10:10-10:35
Kamila Tichá, Jitka Horáčková.	Pearl mussel occurrence in Malše river and its hyporheic environment	10:35-11:00
Robert Ouředník, Jana Švaříčková	Monitoring of the threats for The Freshwater Pearl Mussel in the field and communication with stakeholders	11:00-11:25

<b>Coffee Break</b>	11:25-11:45
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<b>Session 5 – Challenges for conservation and restoration</b>		
Sarah Höfler	Comparison of land-use changes in intensively used areas in Bavaria and in the Bohemian-Austrian border region and the different implications for riverine ecosystems and species conservation	11:45-12:10
Sophie Stelzer	Nature based solutions (NbS) in Freshwater pearl mussel rivers - a novel approach for self-dynamic desanding developed in a physical model test	12:10-12:35
Zuzana Hořická, David Pithart	Man and freshwater pearl mussel in the upper Moldau River: eutrophication and water tourism control (nebo control strategies)	12:35-13:00

<b>Closing</b>	13:00-13:10
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