

# 3<sup>rd</sup> Genetic Diversity Monitoring Workshop

Monday, January 23<sup>rd</sup> 2023, ETH Zurich, Switzerland (Building: LEE, Room: E101)

<b>Monday</b>	<b>Ongoing monitoring projects and stakeholder engagement</b>	
08:15	<i>Coffee &amp; registration</i>	
08:45	Welcome and opening	
08:55	<b>Christina Hvilsom &amp; Gernot Segelbacher</b> Copenhagen Zoo, Denmark & Albert-Ludwigs-Universität Freiburg, Germany	Genetic monitoring, past, present and the future....
09:40	<b>Martin C. Fischer</b> ETH Zurich, Switzerland	Pilot study for a monitoring of genetic diversity in Switzerland: An update
10:25	<i>Coffee break</i>	
10:55	<b>Alicia Mastretta Yanes</b> CONABIO, Mexico	Monitoring genetic diversity of teosinte in the center of domestication of maize
11:40	<b>Astrid Böhne &amp; Ann-Marie Waldvogel</b> Leibniz Institute for the Analysis of Biodiversity Change, Germany	BIGFOOT - Biodiversity decline's Genomic FOOTprint
12:25	<i>Lunch break</i>	
13:45	<b>Philine Feulner</b> EAWAG, Switzerland	Establishing a framework for conservation genomics of freshwater biodiversity in Switzerland
14:30	<b>Robyn Shaw</b> The Western Australian Department of Biodiversity, Conservation and Attractions	Spatial-genetic tools for regional planning, monitoring and management in multiuse landscapes
15:15	<b>Linda Laikre &amp; Anna Hasslow</b> Stockholm University & SwAM, Sweden	The joint science-management effort (SwAM)
16:00	<i>Coffee break</i>	
16:30	Discussion	Synergies between national genetic diversity monitoring programmes
18:00	Wrap-up	

Wi-Fi access:

<https://blogs.ethz.ch/its/2019/12/18/guest-wi-fi-public/>



# 3rd Genetic Diversity Monitoring Workshop

Tuesday January 24<sup>th</sup> 2023, ETH Zurich, Switzerland (Building: LEE, Room: E101)

<b>Tuesday</b>	<b>Genetic diversity indicators: Measuring and reporting genetic diversity</b>	
08:15	<i>Coffee</i>	
08:45	Welcome and opening	
08:55	<b>Oliver Reutimann</b> ETH Zurich, Switzerland	The importance of random sampling for the monitoring of genetic diversity
09:40	<b>Chris W. Funk</b> Colorado State University, USA	Predicting vulnerability to climate change by linking environmental heterogeneity to genetic and phenotypic variation: Laying the groundwork for monitoring adaptive genetic variation
10:25	<i>Coffee break</i>	
10:55	<b>Gabriel Ulrich</b> ETH Zurich, Switzerland	Using historical specimens from collections to assess genetic diversity change
11:40	<b>Lukas Keller</b> University of Zurich, Switzerland	Genetic load in the age of genomic monitoring
12:25	<i>Lunch break</i>	
13:45	<b>Sean Hoban</b> Morton Arboretum, Lisle USA	Monitoring genetic diversity status with affordable indicators that do not require DNA data: initial results in 9 countries
14:30	<b>David O'Brien</b> Scottish Natural Heritage (Nature Scot), Scotland	Genetic Diversity reporting: going beyond Montreal
15:15	<i>Coffee break</i>	
15:45	Discussion	Communication and engagement of stakeholders
17:30	Wrap-up and concluding remarks	

Wi-Fi access:

<https://blogs.ethz.ch/its/2019/12/18/guest-wi-fi-public/>

