



## **Managing Risk in Agriculture A Symposium focused on Innovations in Agricultural Insurance and Digitization**

Thursday, 5 July 2018, 15:30 – 18:15 with Apéro Riche

ETH Zurich, Room HG D 16.2

In collaboration with Prof. Robert Finger (Agricultural Economics and Policy), ETH Risk Center, and the World Food System Center.

Please register for this event [here](#).

Registration closes on 29.6.2018 This event is free of charge.

## About

Assessing and managing risks and uncertainties is key for an optimal decision-making, also in agricultural production. Increasingly climate variability is further accelerating uncertainty at all stages of value chains. Recent advances in Big Data are promising to provide opportunities and technologies to enhance risk management in agricultural production using high-resolution data from satellites, open data platforms and data from agricultural machines. A risk-based decision-making incorporating these advances will involve a common understanding among up and downstream companies, policy makers as well as finance and insurance professionals.

At the symposium, we will present and discuss recent scientific developments in the field of agricultural risk management and discuss novel insights and innovative approaches in risk mitigation integrating among international academics and industry experts.

## Programme

- 15:30    **Welcome**  
**Robert Finger**, Agricultural Economics and Policy Group, ETH Zurich  
**Bastian Bergmann**, Executive Director, ETH Risk Center
- 15:35    **Hans Feyen**, Head Agro EMEA Usa, Canada & Innovation, Swiss Re  
*«Digitization in agricultural insurance, views and roles of a (re)insurer»*
- 16:05    **Yann de Mey**, Wageningen University & Research, Netherlands  
*«Risk, risk management and resilience in European agriculture»*
- 16:35    (Break)
- 16:50    **Joshua Woodard**, Ag-Analytics, ?  
*«An open source, Open Data platform and applications for agricultural & environmental finance and insurance»*
- 17:20    **Robert Finger**, Agricultural Economics and Policy Group, ETH Zurich  
*Innovations in agricultural insurance solutions*
- 17:50    **Panel Discussion**
- 18:15    **Closing and Apero Riche**

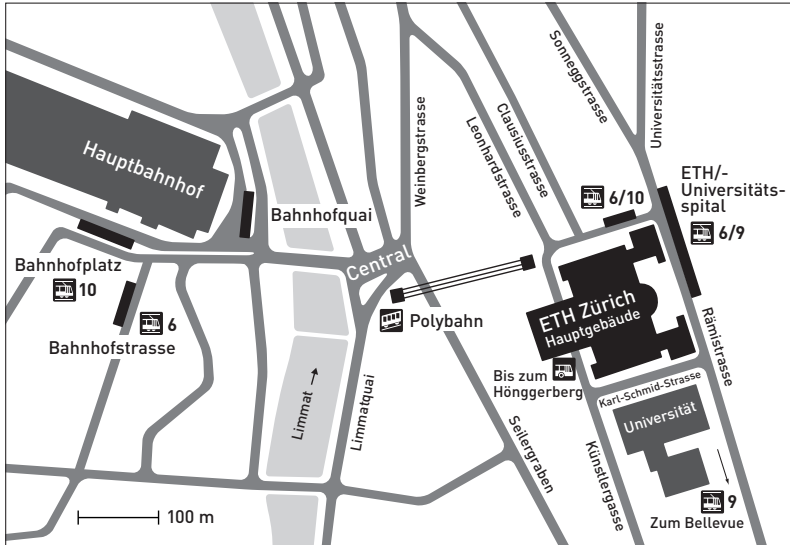
## Speakers

**Hans Feyen**, Swiss Re Reinsurance Agriculture is heading the underwriting team for agricultural risks in EMEA/USA/CANADA at SwissRe, a role which includes introducing new technologies in agricultural risk management. He holds a master in Agricultural Engineering (KU Leuven, Belgium) and a Ph. D. in Soil Physics (ETH Zürich).

**Robert Finger** is head of the Agricultural Economics and Policy Group at ETH Zurich (D-MTEC and D-USYS). His research focuses on risks and risk management in agriculture, evaluation and design of agricultural policies, sustainable farm-environment interactions and agri-environmental measures.

**Yann de Mey** is an assistant professor in Business Economics, Department of Social Sciences of Wageningen University & Research, the Netherlands. His research interests are in agricultural economics, risk analysis, risk management and econometrics. His research is embedded in the Horizon 2020 project 'Towards Sustainable and Resilient EU Farming systems' that aims to analyze, assess and improve the resilience and sustainability of farms and farming systems in the EU.

**Joshua Woodard** is an assistant professor and the Zaitz Family Faculty Fellow of Agricultural Business and Finance at Cornell University, USA. His work focuses primarily on risk and policy issues in agricultural finance including risk management, banking, and insurance, with special emphases on empirical applications, spatial data analysis, weather risk, and large scale data analysis. He is the founder of Ag-Analytics.org, a live open data/open source data integration and automation platform.



## Map

ETH Zürich, Main Building, Ramistrasse 101, 8092 Zürich

### Travelling by public transport from Zurich Central Station

- From the "Bahnhofstrasse/HB": Tram no. 6 (towards Zoo) until "ETH".
- From the "Bahnhofplatz/HB": Tram no. 10 (towards Airport or Oerlikon station) until "ETH".
- Walk over to "Central" and take the Polybahn (departs every three minutes) to the Polyterrasse.

You will need a ticket for zone 110 (city of Zurich).

## **Contact**

ETH Zurich  
Risk Center  
Scheuchzerstrasse 7  
8092 Zurich  
Switzerland

[www.riskcenter.ethz.ch](http://www.riskcenter.ethz.ch)  
[info-riskcenter@ethz.ch](mailto:info-riskcenter@ethz.ch)