



Eidgenössische Technische Hochschule Zürich  
Swiss Federal Institute of Technology Zurich

# ETH4D

ETH for Development (ETH4D)

ETH Zurich

8092 Zurich, Switzerland

[www.eth4d.ethz.ch](http://www.eth4d.ethz.ch)

## ETH4D PhD Seminar: Research for Development

Thursday, 26 November 2020

Friday, 27 November 2020

The seminar will take place in an online format on Zoom

**Link to Zoom Meeting: <https://ethz.zoom.us/j/97003818906>**

**Meeting ID: 970 0381 8906**

ETH for Development (ETH4D)

Prof. Isabel Günther, NADEL, Dr. Jan Wegner, Institute of Geodesy and  
Photogrammetry, Dr. Adina Rom, ETH for Development

**Contact:** Priya Mohanty, [priya.mohanty@nadel.ethz.ch](mailto:priya.mohanty@nadel.ethz.ch)

**Programme Thursday, 26 November 2020, 8:30 – 15:30, Zoom**

8:30	<b>Welcome &amp; Introduction</b> Prof. Isabel Günther (NADEL) Dr. Adina Rom (ETH4D) Dr. Jan Wegner (IGP)
<b>Water and Energy</b>	
09:00	<b>Churchill Omondi Agutu</b> ( <i>Discussant: Robert Mario Naudascher</i> ) Moving beyond electrification: Opportunities and challenges for provision of electricity-based energy services by including electric appliances in off-grid energy access in Rwanda ETH Zurich, D-GESS, Prof. Tobias Schmidt
9:35	<b>Robert Mario Naudascher</b> ( <i>Discussant: Churchill Agutu Omondi</i> ) Non-traditional water collection through local involvement ETH Zurich, D-BAUG, Hydrosolutions Ltd., Dr. Tobias Siegfried
10:05	<i>Coffee Break</i>
<b>Disaster Response and Demining</b>	
10:35	<b>Rik Marian Kai Bähnemann</b> ( <i>Discussant: Karla Verónica Saldaña Ochoa</i> ) FindMine - Accelerating humanitarian demining using an airborne ground penetrating radar ETH Zurich, D-MAVT, Prof. Roland Siegwart
11:10	<b>Karla Verónica Saldaña Ochoa</b> ( <i>Discussant: Rik Marian Kai Bähnemann</i> ) Event Protocols: Enhancing Disaster Response with Architectonic Capabilities by Leveraging Machine and Human Intelligence Interplay ETH-Zurich, D-ARCH, Prof. Ludger Hovestadt
11:40	<i>Lunch</i>

<b>Sanitation and Health</b>	
13:10	<b>Kathrin Durizzo</b> ( <i>Discussant: Mary Achola Uyoga</i> ) Economic and Mental Health Recovery: Impact of the COVID-19 Lockdown in Ghana and South Africa ETH Zurich, D-GESS, Prof. Isabel Günther
13:45	<b>Abishek Sankara Narayan</b> ( <i>Discussant: Kathrin Durizzo</i> ) Citywide Inclusive Sanitation ETH Zurich, D-BAUG, Dr. Christoph Lüthi
14:15	<i>Coffee Break</i>
14:45	<b>Mary Achola Uyoga</b> ( <i>Discussant: Abishek Sankara Narayan</i> ) Iron bioavailability from fortified foods and effects on vaccine response in African infants ETH Zurich, D-HEST, Prof. Michael B. Zimmermann
15:15	Wrap Up: Dr. Adina Rom
15:30	<i>END</i>

**Programme Friday, 27 November 2020, 8:30 – 15:45, Zoom**

8:30	<b>Warm-Up</b>
<b>Policy and Governance</b>	
08:40	<b>Owen Garrett Cortner</b> ( <i>Discussant: Lamar Gerard Alfons Crombach</i> ) Collectives to Capital: Institutional, Forest, and Farm Transitions in the Republic of Georgia ETH Zurich, D-GESS, Prof. Rachael Garrett
09:15	<b>Samuel Alexander Levy</b> ( <i>Discussant: Katrin Hofer</i> ) Can companies end deforestation? The limitations, trade-offs and potential opportunities of zero-deforestation commitments in the Brazilian Amazon ETH Zurich, D-GESS, Prof. Rachael Garrett
09:45	<i>Coffee Break</i>
<b>Policy and Governance</b>	
10:15	<b>Rea Pärli</b> ( <i>Discussant: Noe Nicolas Reidt</i> ) Transdisciplinary Research for Sustainable Development ETH Zurich, D-GESS, Prof. Rachael Garrett
10:50	<b>Katrin Hofer</b> ( <i>Discussant: Samuel Alexander Levy</i> ) Participatory Urban Governance – Towards a more nuanced understanding of the concept of participation ETH Zurich, D-BAUG, Prof. David Kaufmann
11:20	<i>Coffee Break</i>
11:40	<b>Noe Nicolas Reidt</b> ( <i>Discussant: Owen Garrett Cortner</i> ) The effect of climate policies on labor markets in developing countries ETH Zurich, D-MTEC, Prof. Lucas Bretschger

12:10	<i>Lunch</i>
	<b>Economic Growth</b>
13:40	<b>Lamar Gerard Alfons Crombach</b> ( <i>Discussant: Rea Pärli</i> ) The demographic window of opportunity and economic growth at sub-national level in 91 developing countries ETH Zurich, D-MTEC, Prof. Jan-Egbert Sturm
	<b>Agronomy</b>
14:15	<b>Philipp Staudacher</b> ( <i>Discussant: William Joseph Thompson</i> ) What do Pesticide Dealers sell and say to farmers? A Mystery Shopping and KAP analysis in Rural Uganda ETH Zurich, D-USYS, Prof. Rik Eggen
14:45	<i>Coffee Break</i>
15:05	<b>William Joseph Thompson</b> ( <i>Discussant: Philipp Staudacher</i> ) Assessing the role of organic value chains in enhancing food system resilience (OrRes) ETH Zurich, D-USYS, Prof. Johan Six
15:35	Wrap-Up: Dr. Jan Wegner
15:45	<i>END</i>