

**ETH4D PhD Seminar: Research for Development**

Thursday, 17 November 2022  
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Location: IFW 42C

ETH for Development (ETH4D)

Prof. Isabel Günther, DEC/NADEL, Prof. Elizabeth Tilley, Global Health Engineering, Dr.  
Adina Rom, ETH for Development

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**Thursday, 17 November 2022, 09:00 – 15:00**

09:00	<b>Welcome &amp; Introduction</b> Prof. Elizabeth Tilley, Dr. Adina Rom
<b>Construction and Infrastructure</b>	
09:15- 10:00	<b>Constance Brouillet</b> ( <i>Discussant: Prabhat Joshi</i> ) Transformation pathways of flood-prone peri-urban landscapes Prof. Dr. Adrienne Grêt-Regamey, D-BAUG
10:00- 10:45	<b>Sergio Reyes</b> ( <i>Discussant: Constance Brouillet</i> ) Development of a low-cost seismic isolation system based on rolling elastomeric spheres Prof. Dr. Michalis Vassiliou, D-BAUG
10:45 – 11:15	<i>Coffee Break</i>
11:15- 12:00	<b>Prabhat Joshi</b> ( <i>Discussant: Sergio Reyes</i> ) Modelling pluvial flood risk and mitigation options in data-scarce environments Prof. Max Maurer; Dr. Christoph Lüthi; Dr. João Paulo Leitão, D-BAUG
12:00 – 13:30	<i>Lunch</i>
<b>Energysystems and Sanitation</b>	
13:30- 14:15	<b>Esther Greenwood</b> ( <i>Discussant: Christoph Gössmann</i> ) Estimating progress to SDG target 6.1. in LMICs with machine learning and earth observation data Dr. Tim Julian, Pathogens and Human Health Group at Eawag

**Friday, 18 November 2022, 09:00 – 12:15**

09:00	<b>Warm-Up</b>
<b>Policy and Governance</b>	
09:15- 10:00	<b>Thomas Chapman</b> ( <i>Discussant: Frank Odhiambo</i> ) Between Apartheid and Urban Design: New Civic Centers in South Africa (1950 to 1980) Prof. Dr. Tom Avermaete, D-ARCH
10:00- 10:45	<b>Christoph Gössmann</b> ( <i>Discussant: Esther Greenwood</i> ) Monitoring SDG Data Gaps Prof. Dr. Elliott Ash, D-GESS
10:45 – 11:15 <i>Coffee Break</i>	
11:15- 12:00	<b>Frank Odhiambo</b> ( <i>Discussant: Thomas Chapman</i> ) Inclusive Education and Children with Disabilities in Sub-Saharan Africa Prof. Dr. Isabel Günther, D-GESS
12:00- 12:15	<b>Wrap-Up</b>