



Eidgenössische Technische Hochschule Zürich
Swiss Federal Institute of Technology Zurich

Colloquium “Research for Development (R4D) - Theoretical Approaches and Field Studies”

Friday, 10 May 2019

Room:

IFW C 42, Haldeneggsteig 4, 8092 Zürich

ETH Global

NADEL - Center for Development and Cooperation

Prof. Isabel Günther, NADEL, Dr. Christopher Humphrey

Contact: Elisabeth Pöschl, elisabeth.poeschl@sl.ethz.ch, 044 632 72 95

Programme Friday, 10 May 2019, 8:30 – 17:30, IFW C 42

8:30	Prof. Isabel Günther (NADEL) Welcome & Introduction
Cities	
9:00	Anugrah Ilahi (<i>Discussant: Cristina Dominguez</i>) Activity Based Model (ABM) Approaches for the Sustainable Development of Megacities: The case of Jabodetabek ETH Zurich, D-BAUG, Prof. Kay W. Axhausen
9:45	David Kostenwein (<i>Discussant: Danny Nef</i>) In between walls and fences – Bogota, a city shaped by gated communities as an urban policy challenge ETH Zurich, D-GESS, Prof. Andreas Wenger
10:30	<i>Coffee Break</i>
Water	
11:00	Elisa Calamita (<i>Discussant: Barbara Ward</i>) Dams and water quality alterations at low latitude ETH Zurich, D-USYS, Prof. Bernhard Wehrli, Martin Schmid
11:45	Olivier Gröninger (<i>Discussant: Anugrah Ilahi</i>) Creating robust solutions for local manufacturing of drinking water filters ETH Zurich, D-CHAB, Prof. Wendelin J. Stark
12:45	<i>Lunch</i>
Sanitation, Energy and Agriculture	
14:00	Barbara Ward (<i>Discussant: Olivier Gröninger</i>) Dewatering of faecal sludge: Building fundamental models for improved global sanitation Eawag, Dr. Linda Strande, ETH Zurich, D-BAUG, Dr. Eberhard Morgenroth

14:45	Cristina Dominguez (<i>Discussant: David Kostenwein</i>) Estimating the energy requirements of rural households to improve the electrification planning in developing countries ETH Zurich, D-MAVT, Prof. Jan Carmeliet, Dr. Kristina Orehounig
15:30	<i>Coffee Break</i>
16:00	Danny Nef (<i>Discussant: Elisa Calamita</i>) (Agro-)Ecosystems-based livelihoods in an environment of climate change and socio-economic transformation in northern Vanuatu ETH Zurich, D-USYS, Prof. Michael Stauffacher, Prof. Johan Six <i>Lunch</i>
16:45	Wrap up and Ideas for ETH4Development Prof. Isabel Günther, ETH Global
17:30	<i>END</i>