



Wittgenstein Centre

FOR DEMOGRAPHY AND
GLOBAL HUMAN CAPITAL

Nathan Keyfitz Library
Vienna Institute of Demography
Austrian Academy of Sciences
Welthandelsplatz 2 / Level 2
1020 Vienna, Austria

WIC Colloquium

Natural Disasters, Child Nutrition and Education: Evidence from the 2010 Haiti Earthquake

Thursday, October 17th, 2019
13:00-14:00
No registration required

Marina Dodlova

University of Passau, CESifo

This paper aims to study the effects of natural disasters on human capital accumulation. In particular, we examine the impact of the 2010 Haiti earthquake on child nutrition and educational outcomes. Using the geo-coded data from the Demographic Health Survey and USGS ShakeMaps, we find strong negative impacts of the earthquake on child stunting and wasting as well as on school attendance and attainment. The results remain robust for several robustness checks and different methodologies applied for calculating shaking intensity. More importantly, the deterioration of child nutrition and education is significant even after controlling for the aid allocation provided by the World Bank to overcome the earthquake aftermath. Our contribution accentuates the necessity to improve nutrition, achieve food security and promote education after natural disasters in poor countries.

About the presenter

Marina Dodlova is a postdoctoral research and teaching fellow (similar to Assistant Professor) at the Chair of Development Economics of the University of Passau. Her research interests include the political economy of development, public economics and experimental economics. In particular, her recent projects focus on the impacts of natural disasters in developing economies, politics of redistribution and social policies, analysis of the link between development aid and political participation.

She has obtained her PhD in Economics from University Paris Ovest Nanterre La Défense and then was teaching and research fellow at University Paris 1 Panthéon – Sorbonne. In 2013-2016 she worked at the German Institute of Global and Area Studies (GIGA Hamburg) on the NOPOOR project “Enhancing Knowledge for Renewed Policies Against Poverty” and then joined the University of Passau in May 2016. She is the CESifo Research Network Affiliate.

The Wittgenstein Centre is a collaboration among the Department of Demography of the University of Vienna, the World Population Program of the International Institute for Applied Systems Analysis (IIASA) and the Vienna Institute of Demography of the Austrian Academy of Sciences (VID/ÖAW) | www.wittgensteincentre.org

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