

Nicholas Tyack

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Google Scholar Profile: [Nicholas Tyack](#)

EDUCATION

- 09/2016-present **Ph.D. in Development Economics**, Graduate Institute of International and Development Studies, Geneva, Switzerland; Advisors: Professor Timothy Swanson and Professor Jean-Louis Arcand
Dissertation: *Genetic resources and agricultural productivity in the developing world*
- 09/2014-09/2016 **Master's in Economics**, Univerzita Karlova, Prague, Czech Republic
Thesis: *The economic value of crop diversity in the Czech Republic*
- 08/2007-05/2011 **Bachelor in Arts** at Pomona College, Claremont, California, USA
Major: Biology; Minors: Environmental Analysis, History

TEACHING

- Teaching Assistant (Master's-level): **Trade and Development** (fall 2018 & fall 2019)
Environmental Economics and Policy (fall 2018 & fall 2019)
Peace Mediation in a Changing World (fall 2019)
Economic Development of Resource-Rich Countries (spring 2019 & spring 2020)
Political Economy of International Energy (spring 2019 & spring 2020)

RESEARCH

PEER-REVIEWED PUBLICATIONS

- Tyack N, Ščasny M. (2020): 'Warehouse' or research centre? Analyzing public preferences for conservation, pre-breeding and characterization activities at the Czech genebank. *Food Security*. Available [here](#).
- Tyack N, Dempewolf H, Khoury, C. (2020): The potential of payment for ecosystem services for crop wild relative conservation. *Plants* 9(10), 1305. Available [here](#).
- Tyack N, Ščasny M. (2018) Social valuation of genebank activities: assessing public demand for genetic resource conservation in the Czech Republic. *Sustainability* 10: 3997. Available [here](#).

WORKING PAPERS

- Tyack N. and Ščasný M. (2020): "Estimating the Social Value of Specific Crop Diversity Conservation Plans: Do Czechs Care More About Conserving Hop, Wine or Fruit Tree Varieties?" IES Working Papers 25/2020. Charles University. Available [here](#).
- Tyack N, Ščasny M. (2018): "Estimating the Value of Crop Diversity Conservation Services Provided by the Czech National Programme for Agrobiodiversity." IES Working Papers 09/2018. Charles University. Available [here](#).

BOOK CHAPTERS

- Tyack N, Manneh B, Konate A, Kessy, T, Traore A, Sie M. (2019) Twenty years of participatory varietal selection at AfricaRice: Lessons from farmer involvement in variety development. In: Apert J and Baert J (Eds.) **Farmers and Plant Breeding: Current Approaches and Perspectives**. Routledge, p. 65-69. Available [here](#).
- Tyack N, Dempewolf, H. (2015) The Economics of Crop Wild Relatives under Climate Change. In: Redden, R., Yadav, S.S., Maxted, N., Dulloo, M.E., Guarino, L., Smith, P.J (Eds.) **Crop Wild Relatives and Climate Change**. Wiley-Blackwell, p. 281-291. Available [here](#).

EMPLOYMENT

- Since 12/2018 **Research Fellow** at [Bioversity International](#) (remote)
Working to coordinate a discrete choice experiment on how the general public in five European countries value traditional wheat varieties (coupled with a survey on farmer willingness to cultivate old wheat cultivars), and helping with a study on household seed supply businesses in Uzbekistan
- 2/2017-7/2018 **Research Assistant**, [Centre for International Environmental Studies](#), The Graduate Institute, Geneva
Helped to develop and implement an online public good game with a focus on climate change
- 7/2015-3/2016 **Consultant**, [Global Crop Diversity Trust](#), Bonn, Germany

- 12/2012-09/2014 **Research Analyst, [Industrial Economics, Inc.](#)**, Cambridge, MA, USA
 -Contributed to several climate change adaptation plans for the agriculture sectors of the state of Bihar in India, five Central Asian countries and Madagascar
 -Authored several memos on oil spill damage assessment and restoration topics, and otherwise assisted the U.S. Department of the Interior with natural resource damage assessment and restoration work associated with the Deepwater Horizon oil spill
- 10/2011-07/2012 **Fulbright Research Grant**, Rome, Italy
 Researched the economic value of crop wild relatives in collaboration with the Global Crop Diversity Trust
- 6/2011-8/2011 **Research Assistant, [National Oceanic and Atmospheric Administration](#)**, Gloucester, MA, USA
- 6/2010-8/2010 **EA Mellon Student Fellow** on river herring conservation, Hanover, MA, USA

MEMBERSHIP

- Since 2020 American Economic Association, European Economic Association
- Since 2019 Research Network on Economic Experiments for the CAP (REECAP), Swiss Society of Economics and Statistics, European Association of Environmental and Resource Economists, American Association of Wine Economists
- Since 2018 Agricultural Economic Society

GRANTS & FELLOWSHIPS

- 2020-21 **Doc Mobility Fellowship (SNF)**, funded exchange with the University of Heidelberg to conduct research under the supervision of Professor Timo Goeschl.
- 2020-21 **Genebank Impacts Fellowship**, received \$14k in funding to carry out a farmer field experiment on genetic resource valuation in collaboration with the AfricaRice genebank in Bouake, Cote d'Ivoire
- 2016 **Grantova agentura Univerzity Karlovy v Praze**, funded research project to investigate public preferences for crop diversity conservation in the Czech Republic
- 2011-12 **Fulbright Research Grant**, researched the economic value of crop wild relatives (CWR) in collaboration with the Global Crop Diversity Trust, as part of their \$50 million project to collect the wild relatives of 29 major crops

INSTITUTIONAL RESPONSIBILITIES

- 10/2017-09/2018 Student representative, Development Economics program (*represented students, organized events*)

CONFERENCE PRESENTATIONS

- Meeting of the *Research Network on Economic Experiments for the Common Agricultural Policy*, September 2019.
- Annual Conference of the *European Association of Environmental and Resource Economists*, June 2019.
- Conference of the *Swiss Society of Economics and Statistics*, June 2019.
- Annual Conference of the *Agricultural Economics Society*, April 2019.
- BIOECON* Conference, September 2018.
- Annual Conference of the *Agricultural Economics Society*, April 2018.
- European Ecosystem Services Conference – *Helping nature to help us*, September 2016.

SKILLS

- IT skills: Microsoft Office, Stata, R, ArcGIS
- Language skills English (native), French (intermediate), Italian (intermediate), Czech (beginner), Russian (beginner)

REFERENCES

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 Economics
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