

CURRICULUM VITAE

Manuel Toledo-Hernández

Citizenship: Mexican
Date of birth: 24/12/1986
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Position: PhD student

EDUCATION

Sep 2005 - May 2011: **Universidad Autónoma de Yucatán, Mexico**
Bachelor of Science in Biology

Oct 2011–Sep 2014: **Georg-August-Universität Göttingen, Germany**
Master of Science in Sustainable International Agriculture
Specialisation: Tropical Agriculture
Final score: 1,5
Thesis title: Management of homegardens in Indonesian agricultural landscapes and its impact on invertebrate diversity and herbivore predation
Score: 1,0

RELEVANT EXPERIENCE

Mar 2011 - Jun 2011: **Volunteer research assistant, Department of Protropic, Universidad Autónoma de Yucatán, Mexico**
Research Project: Strengthening and consolidating the networking of agroforestry systems for in situ conservation of the agrobiodiversity in the State of Yucatán, Mexico
Tasks: Establishment of homegardens within rural schools. Application of participatory methods, and interviews with smallholders

Jan 2012 - Jan 2013: **Research assistant, Department of Organic Plant Production and Agroecosystems Research in the Tropics and Subtropics, University of Kassel, Germany**
Research Project: Leaching of dissolved organic carbon, nitrogen and phosphorus in a sandy subtropical soil
Tasks: Analysis of P content in sandy soils from Oman by conducting the Olsen extraction method

Mar 2013: **Academic excursion, Georg-August University of Göttingen, Germany; and Thaksin University, Thailand**
Participation in the “4th joint interdisciplinary tour with the main topic of “Transformation processing the agri-food sector- the case of Thailand”. Visit to different agricultural sectors and enterprises in southern Thailand

Mar - Apr 2013 **Internship, Department of Agroecology, Georg-August University of Göttingen, Germany;**

and University of Jambi, Indonesia

Research Project: CRC 990 (BO9) "Ecological and Socioeconomic Functions of Tropical Lowland Forest Transformation System"

Tasks: Organization and coordination of field work and assistants activities in Jambi, Indonesia. Invertebrate sampling in homegardens and semi-structured interviews with land owners. Invertebrate sample identification

Apr 2014 - Jul 2014:

Research assistant, Department of Agroecology, Georg-August University of Göttingen, Germany

Research Project: CRC 990 "Ecological and Socioeconomic Functions of Tropical Lowland Forest Transformation System"

Tasks: Analysis of photos for herbivory measurements and bird morpho-species identification using sound recordings.

ACADEMIC AWARDS

Oct 2009 - Mar 2010:

Scholarship holder, Universidad Autónoma de Yucatán, Mexico; University of Kassel, Germany

PIMES programme for funding outstanding students to complete a semester abroad at the Faculty of Agricultural Science, University of Kassel.

Jan – Sep 2012:

Scholarship holder, International Center for Development and Decent Work (ICDD), University of Kassel, Germany

Work & study programme aiming to finance the education expenses of foreign students by providing part time jobs as research assistants within their core projects.

Since October 2015

Scholarship holder, Cooperation Programme with Mexico Conacyt-DAAD

Programme aiming to support outstanding Mexican citizens to conduct postgraduate studies in German universities

CONFERENCE ATTENDANCE AND PRESENTATION

Sep 2014:

Tropentag 2014: International Conference on Research on Food Security, Natural Resource Management and Rural development, Czech University of Life Sciences, Prague, Czech Republic

Oral Presentation: Management of homegardens in Indonesian agricultural landscapes and its impact on invertebrate diversity

May 2016

DAAD Scholarship Holders Meeting: Biodiversity and Conservation

Leipzig University, Germany

Oral presentation: The role of cocoa agroforestry systems for preserving biodiversity, increasing yields, and mitigating climatic risks

PUBLICATIONS

Toledo-Hernández M, Denmead LH, Clough Y, Raffiudin R, Tscharrntke T (2016). Cultural homegarden management practices mediate arthropod communities in Indonesia. *Journal of Insect Conservation*, DOI DOI 10.1007/s10841-016-9871-0

Prabowo WE, Darras K, Clough Y, **Toledo-Hernández M**, Arlettaz R, Tscharrntke T. Bird responses to lowland rainforest conservation in Sumatra Smallholder landscapes, Indonesia. *PLoS one*, DOI: 10.1371/journal.pone.0154876