

ADELINA CHANDRA

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EDUCATION

Doctoral Candidate

Nov 2020 – [expected] Aug 2024

Environmental Policy, Department of Environmental System Science, ETH Zürich, Switzerland

Affiliated with Conservation and Development, Department of Geography, University of Cambridge, United Kingdom

Topic: Forest-focused commodity supply chain in the deforestation-risk commodities, focusing on palm oil sector.

Research Fellow

May – July 2023

Department of Geography, University of Cambridge, United Kingdom

Master of Science student in Environmental Studies and Sustainability Science

Aug 2018 – May 2020

Faculty of Social Science, Lund University, Sweden

Bachelor of Science in Geography (Hons)

Sep 2011 - Jan 2015

Faculty of Mathematics and Natural Sciences, University of Indonesia, Indonesia

RESEARCH EXPERIENCE

Research articles

- **Chandra, A.**, Garrett, R.D., Carlson, K.M., Heilmayr, R., Stigler, M., Benedict, J., Grabs, J. 2024. Do corporate zero-deforestation commitments in Indonesia target forest at risk while ensuring smallholder inclusion?. Environmental Research Letter.
- Grabs, J., Carodenuto, S., Jespersen, K., Adams, M.A., Camacho, M.A., Celi, G., **Chandra, A.**, Dufour, J., zu Ermgassen, E.K., Garrett, R.D. and Lyons-White, J., 2024. The role of midstream actors in advancing the sustainability of agri-food supply chains. Nature Sustainability, pp.1-9.
- **Chandra, A.**, Fauzi, D., Khatimah, F.H. and Wicaksono, S.A., 2022. Assessing drivers of forest conservation in Simancuang Village Forest, west Sumatra. Small-scale Forestry, 21(1), pp.93-118.
- **Chandra, A.**, 2020. To grip or to slip: smallholder inclusion in sustainable palm oil certifications in Riau, Indonesia. Master Thesis Series in Environmental Studies and Sustainability Science.
- Fauzi, D., **Chandra, A.**, Khatimah, F. and Wicaksono, S., 2019. Improving Monitoring and Evaluation System of Social Forestry in Indonesia. WRI Indonesia Working Paper, pp.1-40. Available online at <https://wri-indonesia.org/id/publication/evaluasi-perhutanan-sosial>
- Khatimah, F.H., Fauzi, D., **Chandra, A.** and Wicaksono, S.A., 2019, July. Benefits over Threats: Understanding Community's Motivation to Participate in Restoration Initiatives in Gunung Leuser National Park, Sumatra. In IOP Conference Series: Earth and Environmental Science (Vol. 298, No. 1, p. 012027). IOP Publishing.

Other selected articles and book editing:

- Successful Participative Ecosystem Restoration Stories Book in Nature Reserves and Natural Conservation Areas, Ministry of Environment and Forestry. (Editorial team, in Indonesian).
- How to Tackle Domestic Wastewater Pollution? Start from the Upstream, World Resources Institute's page
- Good Data Could Save Two Million Hectares of Degraded Conservation Areas, World Resources Institute's page.
- Evaluation Map of Shallow Groundwater Vulnerability in Ci Leungsi Hulu Watershed, Indonesia, funded and published as a national e-journal by Indonesian Ministry of Higher Education.
- Spatial modelling on hydrological changes of watershed to land use changes, a bachelor's thesis.

Recent fieldwork experience

- Lead fieldwork in Indonesia in Aceh and South Sumatra. December 2021 – May 2022
- Facilitate focus group discussions between the Government of South Sulawesi and USAID July 2020 – September 2020
- Lead fieldwork in 8 villages in Riau province, organized interviews and focus groups December 2019 – March 2020

WORK EXPERIENCE

Political Economy Researcher – Social Impact & USAID

July 2020 – September 2020

Researcher in Political Economy Analysis for strategic development assessment of South Sulawesi Province in Indonesia.

Responsible in conducting interviews with various stakeholders, analyzing the findings qualitatively and report writing.

Graduate Student Researcher – World Resources Institute

January 2020 – March 2020

The research was accepted and hosted by the WRI in Indonesia under the project of oil palm smallholder transformation. Arranging fieldwork, semi-structured interviews and focus group discussions with independent smallholders on the field. This research covered both analyses on the newly published RSPO standard for independent smallholders and ISPO. The research is inclusive to many stakeholders within the field.

Researcher – World Resources Institute

August 2017 – September 2018

Part of Wahana Riset Indonesia, a WRI's research incubator. Conducted three interdisciplinary research focused on social forestry and forest and landscape restoration. Produced several research outcomes and publications.

GIS Specialist - Indonesia's Geospatial Information Agency

Apr 2015 - August 2017

Worked with Geo-Spatial Information Agency in cooperation with The Ministry of National Development Planning in conducting research and preparing for Indonesia's medium term National and Regional-level spatial and development plan.

Environmental modelling researcher- Department of Geography, Universitas Indonesia

Aug 2014 – Feb 2015

Responsible in hydrodynamics modelling using MW SWAT, analysed the impact of climate change on watershed dynamics using remote sensing data.

GIS Instructor - Department of Geography, Universitas Indonesia

Jan – Jul 2013

HONOURS AND AWARDS

Nominated and selected as fellow for the IPBES business and biodiversity assessment, 2023 (Declined offer)	May 2023
Awardee of master's thesis research grant from Swedish International Centre for Local Democracy	Dec 2019
Fully funded master's degree scholarships	August 2018-2020
Granted a funding to be a speaker at World Congress on Agroforestry, Montpellier 2019	May 2019
1 st winner of Photography Competition on Sustainable Development Goals, NBISC, 2019	March 2019
Cum laude and best graduate	Jan 2015
Grantee of Goodwill International Scholarship	2014 – 2015
Grantee of PPA from Ministry of Higher Education Scholarship	2011 - 2014

ORGANISATIONAL EXPERIENCES

Global Water Youth Network

2018 – 2020

Indonesian Student Association of Sweden (PPI Swedia)

2019 – 2020

PROJECTS

Borderless - Initiator and Mentor

May 2019- present

Borderless is a learning network in Indonesia, aiming to circulate the ever-growing knowledge on sustainable development and well-being.

Urban Ecosystem Services Awareness at Lund Municipality, Sweden – Initiator

Jan 2019- July 2019

A Knowledge to Action project focusses on increasing public awareness towards various urban ecosystem services in Lund, Sweden. This project is supported by Lund Municipality and Region Skåne.

TECHNICAL SKILLS

R, Google Earth Engine (JavaScript), GIS, Python, Design Graphics, Audio Processing, Photography

REFEREE

Prof. Dr. Janina Grabs, Professor of Sustainability Research at University of Basel, Switzerland
janina.grabs@unibas.ch

Prof. Dr. Rachael Garrett, Professor of Conservation and Development at University of Cambridge, United Kingdom
rg711@cam.ac.uk