

EDUCATION

- **University of Tennessee** Knoxville, TN
Ph. D. in Natural Resource Economics Aug. 2014 - Dec. 2018
 - **Disertation:** Essay in Environmental Spillover of US Crop Insurance on Surface Water, Agricultural and Geographical Amenities on Surface Water Impairment, and Hypothetical Irrigation Game in Madison County, TN.
 - **Committee:** Dr. Burton C. English, Dr. Christopher D. Clark, Dr. Dayton M. Lambert, Dr. Celeste K. Carruthers
- **University of Wyoming** Laramie, WY
M. Sc. in Agricultural and Applied Economics Sep. 2012 - Aug. 2014
 - **Thesis:** Incorporating Economics and Risk into Flood Planning: Prioritizing Indonesia's Adaptation Options
 - **Committee:** Dr. Dannele Peck, Dr. Benjamin Rashford, Dr. Jacqueline Shinker
- **Universitas Indonesia** Depok, Jawa Barat
BA in Economic Sep. 2003 - July 2007
 - **Concentration:** Monetary Economics, and International Finance.

SKILLS SUMMARY

- **Software:** STATA and MATA Programming, R, Matlab, RISK, ModelRisk, ArcMap, Latex
- **Soft Skills:** Leadership, Writing, Public Speaking, Project Planning and Management

EXPERIENCE

- **International Public Policy Assc. Winter School** Assois, France
Studying Policy Process Jan 5, 2020 - Jan 11, 2020
 - **Applying the narrative policy frameworks:**
 - **Constructivist, pragmatic, & qualitative approaches:**

PROJECT INVOLVEMENT

- **No Tree - No Future:** (Postdoctoral)
The project seeks to design and to test a rigorous methodology for assigning responsibility for conservation finance to lead firms in palm oil value chains, helping alleviate the problem of assigning responsibility and providing resource for external stakeholders seeking to identify firms' contributions to land cover change.
- **TERPERCAYA:** (as Economist)
The Terpercaya Initiative is a multi-stakeholder process for defining and measuring jurisdictional sustainability to commodity production in Indonesia. The initiative is hosted by the Indonesian Ministry of Development Planning and is led by the EU REDD Facility and Yayasan Inobu.
My tasks as the economist were transcribing the 22 sustainability indicators of commodity production into quantitative measure forms.
- **Enhanced Regional EU-ASEAN Dialogue Instrument:** (as Natural Capital Regional Expert)
E-READI is a cooperation program that facilitates dialogues between the EU and ASEAN on policy areas across all three ASEAN community pillars. It responds to the needs and priorities of ASEAN, in line with the mutually identified EU-ASEAN priorities.
My tasks were to conduct of regional survey and analysis, develop a report based on EU-ASEAN Regional Introductory Forum and Workshop on Natural Capital.
- **Legal frameworks for forest conversion in Indonesia:** (Supervisory role)
With the support of Inobu, the EU REDD Facility's work in Indonesia builds on experience with the VPA in supporting land and forest governance reform including through trade-related initiatives. The objective of the Legality project is to elucidate the linkages between IPK and other legal permits for forest conversion with the drivers of forest conversion in the Indonesian forest estate (Kawasan Hutan).
My roles were supervising the GIS analyst and expert's works, meeting the project's targets.
- **Development of Environmental Carrying Capacity Platform:** (as Economist)
The project's objective was to develop a platform for building environmental carrying capacity assessment that the district-level government can use to develop the DDDTLH document.
My tasks were creating a simple land-use conversion environmental carrying capacity modeling based on spatial data and information and supervising role.
- **A Strategy for Green and Inclusive Growth in West Papua:** (as Economist)
The project of A Strategy for Green and Inclusive Growth in West Papua proposed by the Provincial Government of West Papua is aimed to support the development strategy for Green and Inclusive Growth (GIG-S) for the province.
My task was to develop an assessment of a Small-Scale commodity production strategy for West Papua that could serve as a policy strategy document and a baseline study towards agricultural industrialization in West Papua.

- **Forest Management United strategy in Central Kalimantan dan West Papua:** (as Economist).
My task was developing a business model for different commodities that FMUs can implement in Central Kalimantan or West Papua together with households living around the Kawasan.
- **Nutmeg Supply Chain Study in West Papua:** (as Economist & research manager).
The study is aimed to investigate the supply chain condition of Papuan nutmeg production and distribution.
My tasks were survey designing, empirical analysis, and reporting.
- **Development of Green Climate Fund (GCF) Strategic Planning/Country Programme for Indonesia:**
(Non-key Junior Consultant)
My task was drafting the report and assessment of Indonesia climate finance mapping as input for Country Program Document for Indonesia.

WORK EXPERIENCES

- **Postdoctoral Researcher - Copenhagen Business School (June'22 - present):**
No Tree- No Future Project
- **Teaching Faculty - Business School, Universitas Prasetiya Mulya (Feb'21 - Feb'22):**
- teach Microeconomics, Macroeconomics, Development Economics, and Statistical Theories for Economics, Business Economics Workshop.
- **Economist/Research Manager - Inobu (Feb'19 - Feb'21):**
- led the overall research activities from research design until publication,
- mentored and supervised junior research staffs (3 GIS analysts, 1 data analyst, 1 agriculturist),
- ensured the quality of policy recommendations provided to the Government of Indonesia,
- contributed to grant proposal writing,
- provided economic policy analysis and efficiency recommendation in decision making.
- **Research/Teaching Assistant - University of Tennessee, Knoxville (Aug'14-Dec'18):**
- provided statistical services data analysis (econometric modelling); I managed and developed software based database (SAS),
- prepared manuscript for journal articles,
- held stand alone teaching sessions for Adv. Natural Resource and Environmental Economics & Microeconomics.
- **Project Assistant for Climate Change Risk and Adaptation Project - GIZ Paklim (2010-2012):**
- assisted Project Manager in conceptualization and operation of the projects activities,
- assisted Project Manager in accomplishment of project goals.
- **Junior Consultant - Ministry of National Planning, Directorate of Water and Irrigation (2008-2010):**
- assisted WISMP & PISP Project Team Leader/Senior Consultant in conceptualization and operation of the projects activities,
- assisted WISMP & PISP Project Team Leader/Senior Consultant in accomplishment of Project Goals and KPIs,
- assisted Water Infrastructure Fiscal Recovery Project Team Leader in the assessment of fiscal instruments related to water and irrigation infrastructure.
- **Teaching Assistant - Faculty of Economics, University of Indonesia (2007-2010):**
- held stand alone session for Statistics Class, Mathematics for Business and Economics Class, and Advanced Mathematics for Economics.

PUBLICATIONS

- **Journal Article:** Watts, J. D., Pasaribu, K., Irawan, S., Tacconi, L., Martanila, H., Wiratama, C. G. W., ... & Manvi, U. P. (2021). Challenges faced by smallholders in achieving sustainable palm oil certification in Indonesia. *World Development*, 146, 105565.
- **Journal Article:** Pasaribu, K. N., Lambert, L. H., Lambert, D. M., English, B. C., Clark, C. D., Hellwinckel, C., ...& Smith, S. A. (2021). Profitability of irrigating for corn, cotton, and soybeans under projected drought scenarios in the Southeastern United States. *Irrigation Science*, 39(3), 315-328.
- **Journal Article:** Pasaribu, K. N., s. Irawan, Luca Tonni,... Improving the benefits and cost-effectiveness of certification for independent oil palm smallholders in Indonesia. *submitted to. Ecological Economics*
- **Working Paper:** Irawan, S., K. N. Pasaribu, V. Hukom., Designing ecological fiscal transfers for Indonesia: what can we learn from the empirical data?
- **Working Paper:** Pasaribu, K. N, ..., Lambert, D. M. Environmental Spillover of US Crop Insurance Program: Evidence from EPA Water Quality database

PRESENTATION EXPERIENCE

- **Winter School International Public Policy Association** Aussois, France
Financial Cost and Benefit Analysis of Palm Oil Certification Jan 9, 2020
- **EU-ASEAN Introductory Forum** Bangkok, Thailand
ASEAN Natural Capital Status Review. Nov 27, 2019

- **International Annual Conference of Western Economic Association**
Environmental Spillover of US Crop Insurance Program
Vancouver, Canada
June 27, 2018
- **Southern Agricultural Economics Association**
Breakeven Evaluation of Irrigation Systems in Tennessee
San Antonio, TX, US
February 7, 2015
- **The East West Center Int. Grad. Conference**
Incorporating Risk and Uncertainty into Indonesia Climate Adaptation Options
Hawaii, US
February 14, 2014