

FIG WORKING WEEK 2019

22-26 April, Hanoi, Vietnam

Presented by the FIG Working Week 2019,
April 22-26, 2019 in Hanoi, Vietnam

"Geospatial Information for a Smarter Life
and Environmental Resilience"



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Implementation of Complete Systematic Land Registration to Modernize Indonesian Land Administration System

Hendry Yuli WIBOWO, Indonesia

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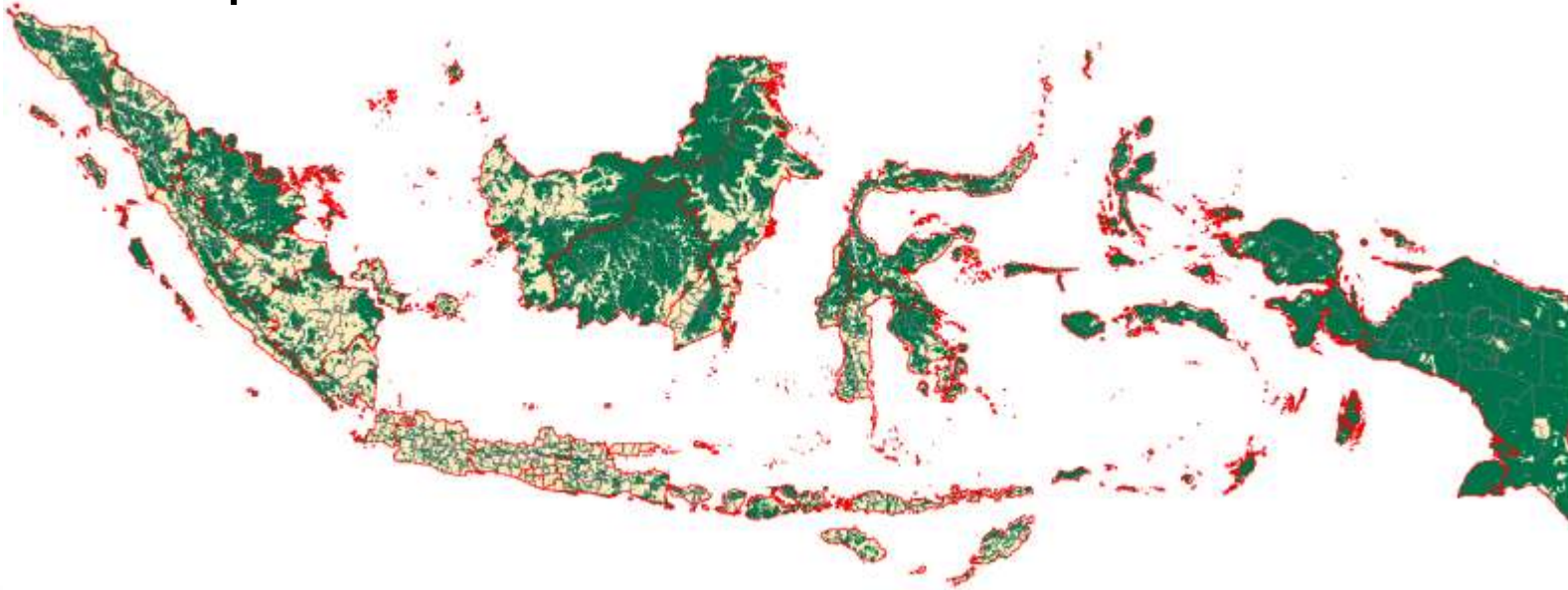
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INTRODUCTION

- **Area:** Indonesia 1,9 million km² – Vietnam 331.221 km²
- **Population:** Indonesia 264 million - Vietnam 95 million



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ISSUES

- Unreliable land administration → Land disputes
- Incompleteness → EoDB, investment
- Complex bureaucracy
- More than 70 million parcels need to be registered

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THE ACCELERATION

- Start on 2017
- PTSL as part of Agrarian Reform Program
- 4 components: Man, Material, Method, and Money
- 4 categories: K1, K2, K3, K4
- 3 purposes: adding number of parcels, solving problems, completeness

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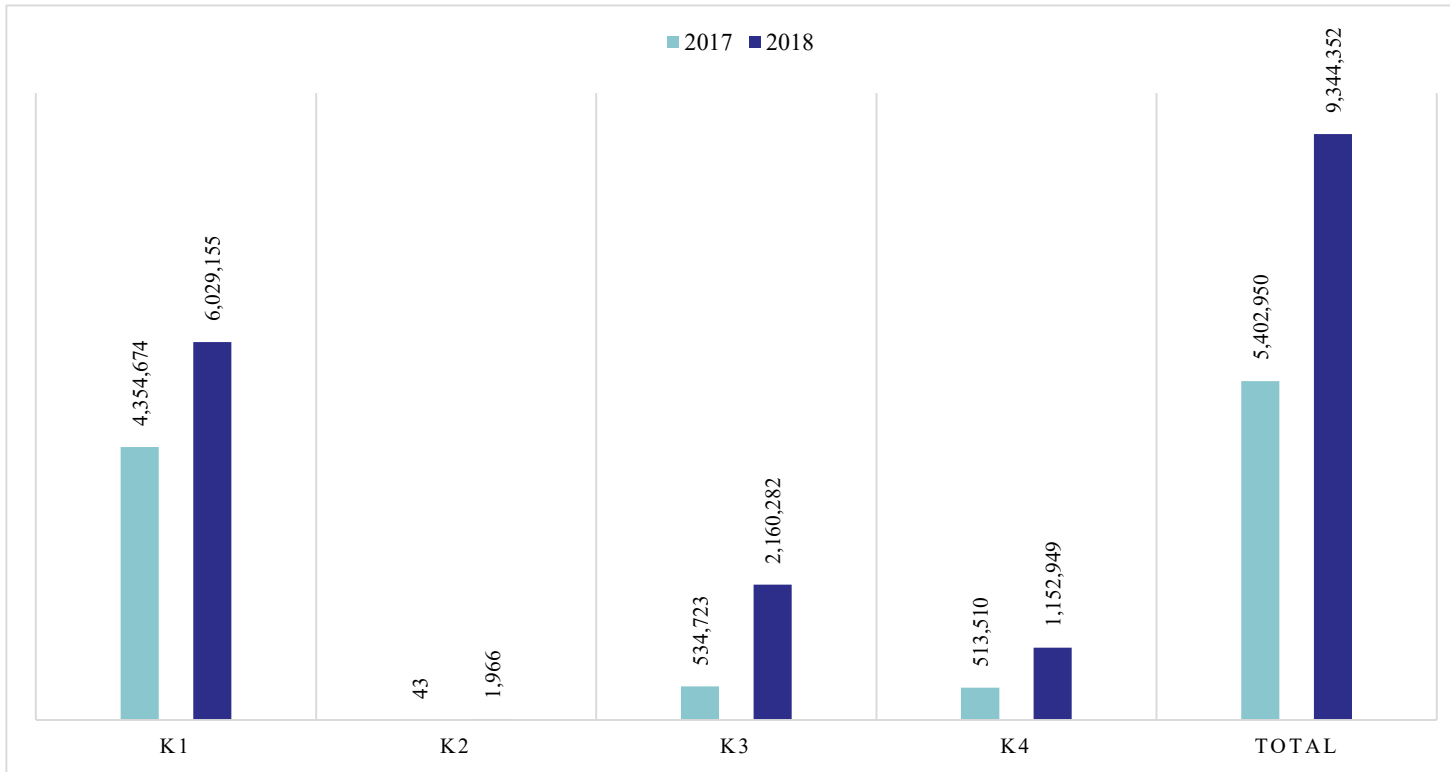
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RESULT OF PTSL 2017 AND 2018



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IMPACT

- Increased number of licensed cadaster surveyor
- Massive use of RTK
- Community awareness
- Method → PTSL PM, PTSL CO, PTSL

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CHALLENGES

- Spatial and textual data quality
- Data sharing between institutions
- 3D cadaster and RRR implementation
- Location based service

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