

# 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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## Fit for Purpose Land Administration (FFP-LA) Implementation to Accelerate Land Mapping in Sayang Village, Sumedang Regency, Indonesia

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## INTRODUCTION

The Indonesian government is targeting land registration to be completed by 2025 but land parcels that have been registered at the end of 2016 have only reached 46 million parcels of a total of 126 million land parcels in Indonesia so that an approach method is needed to accelerate the land registration process in Indonesia.

**The Fit-for-purpose Land Administration (FFP-LA) concept is capable to fulfil the needs of land registration acceleration in Indonesia**

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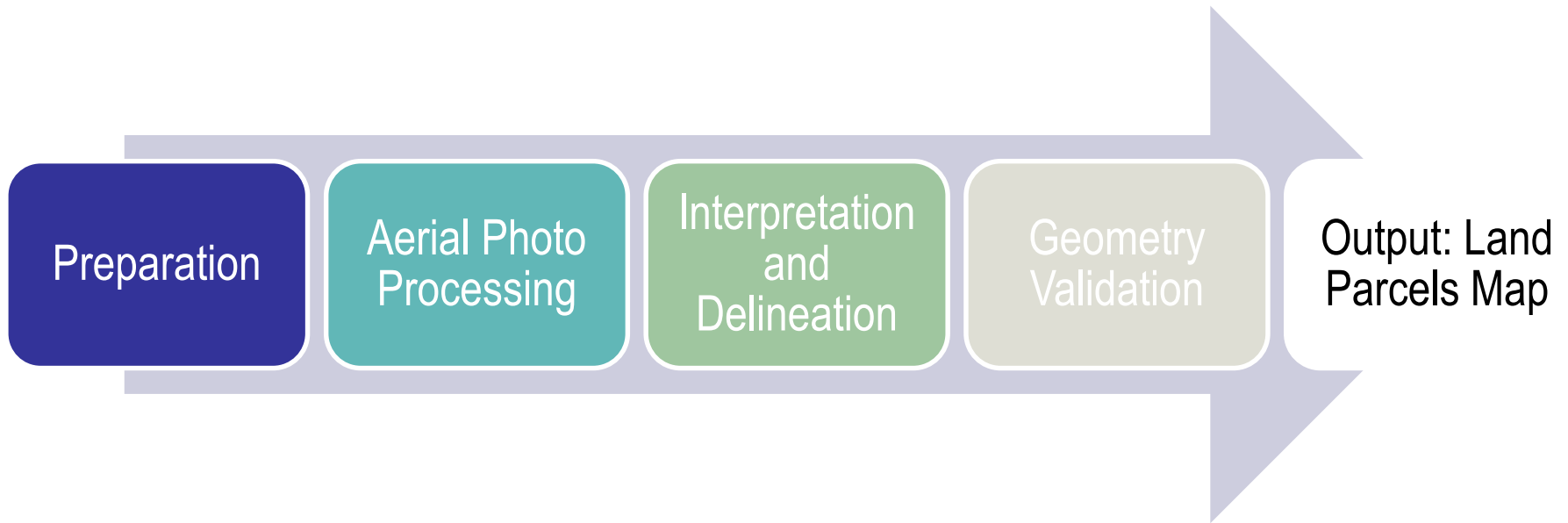
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## METHODOLOGY



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## AERIAL PHOTO MAP



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## INTERPRETATION AND DELINEATION



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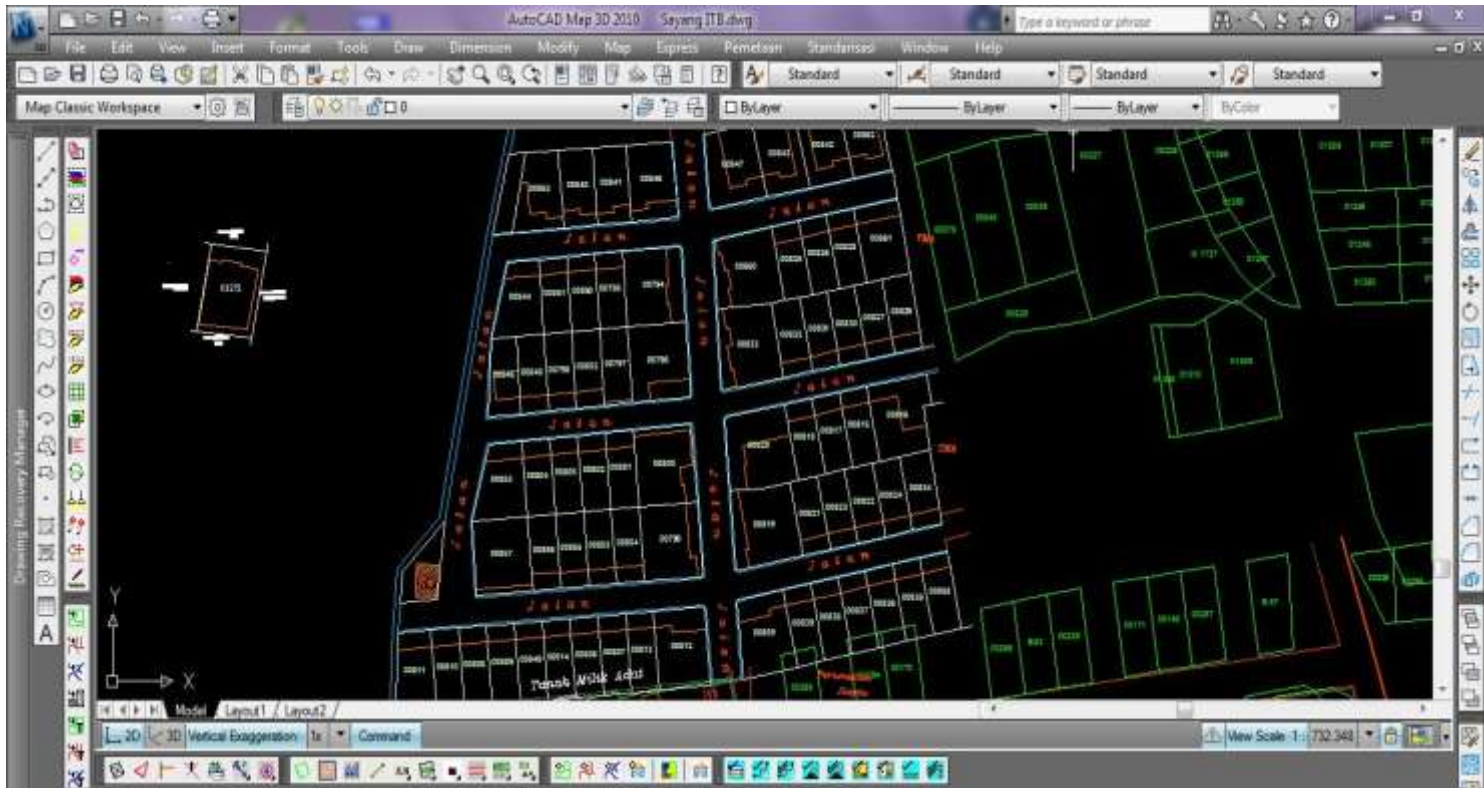
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## GEOMETRY VALIDATION



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## RESULT AND DISCUSSION

In this research, the application of the FFP-LA method can produce **64.3%** of the area that fulfil with BPN's tolerance. Based on these results, this method can be an alternative in land parcels mapping to support the acceleration of land registration in Indonesia. Nonetheless, results are strongly influenced by supporting technological devices and the ability of operators to interpret and delineate field boundaries

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## CONCLUSION

The Fit-for-Purpose Land Administration approach can be used as an alternative to mapping land parcels by utilizing aerial photo data. The concept also views that the quality of maps produced are important but depend on the needs and allows for an incremental improvement of qualities. Things that need to be considered while implementing this method are the availability of supporting technology devices and the ability of operators to interpret and delineate land boundaries

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# THANK YOU

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