

The Integration of Administrative Data for the Identification of the Ownership of Agricultural Land

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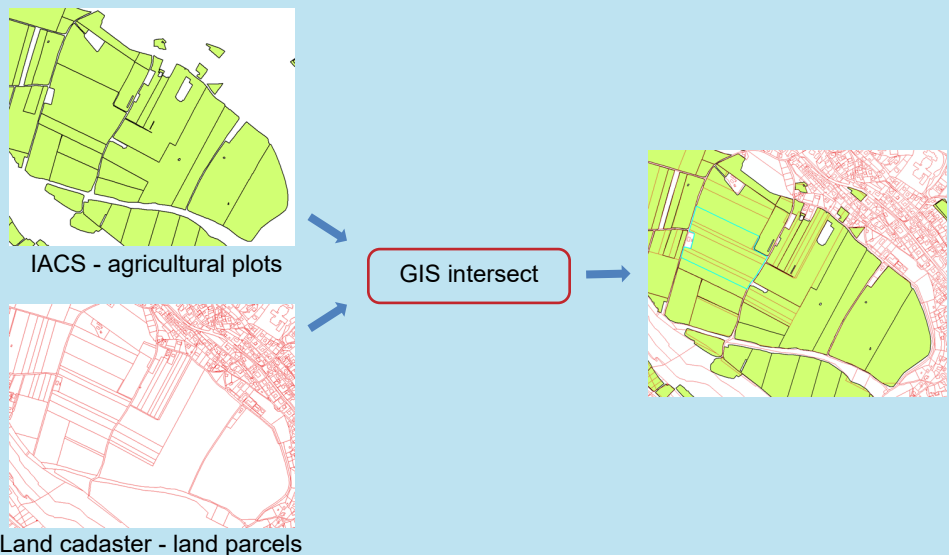
INTRODUCTION

- Agricultural census 2020
- Ownership of agricultural land
 - Own vs. rented land

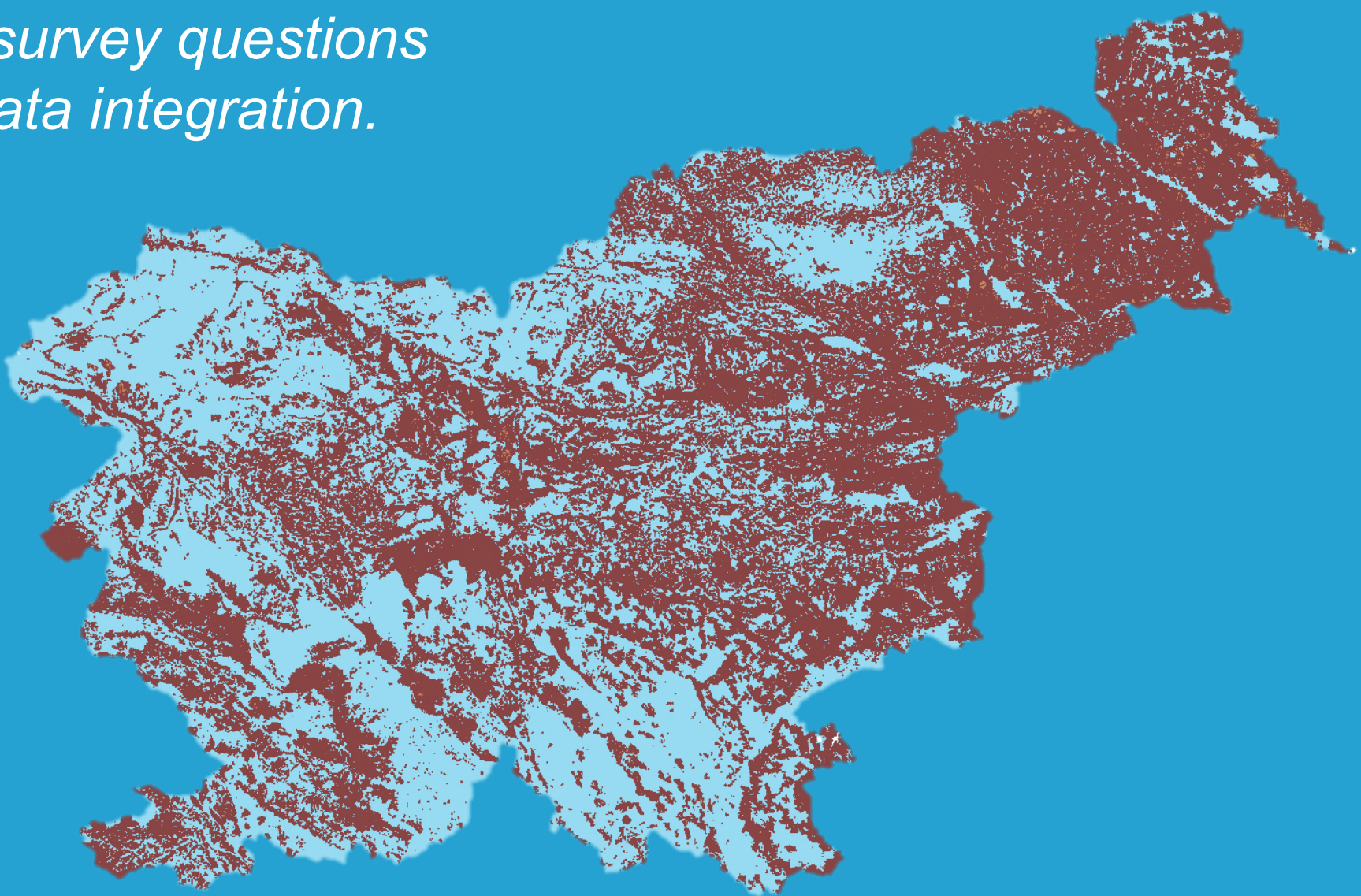
DATA

- Administrative data collections:
 - Tabular registers
 - Geospatial data sources
- Integration

GEOSPATIAL MODELLING



We substitute survey questions using spatial data integration.



AGGREGATION AND VALIDATION

- 7 different aggregation methods
- Validation through historical data
- Most comparable approach:
 - If a part of AP is in coownership, AP counts as own and not rented

CONCLUSIONS

- Enables full capture at any time
- No respondent burden
- High precision
- Utilisation of readily available data

TABULAR ANALYSIS

- Register of Agricultural Holdings:
 - Agricult. Plot (AP) users and their household members
- Real Estate Register
 - Land parcel (LP) owners
- Is LP owner the same as AP user?

OTHER PROJECTS

- Land structure
- Crop rotation
- Irrigable land
- Permanent grassland