

First Digitized Sampling Frame

A LEAP TOWARD SMARTER SURVEYS



Why is it important?

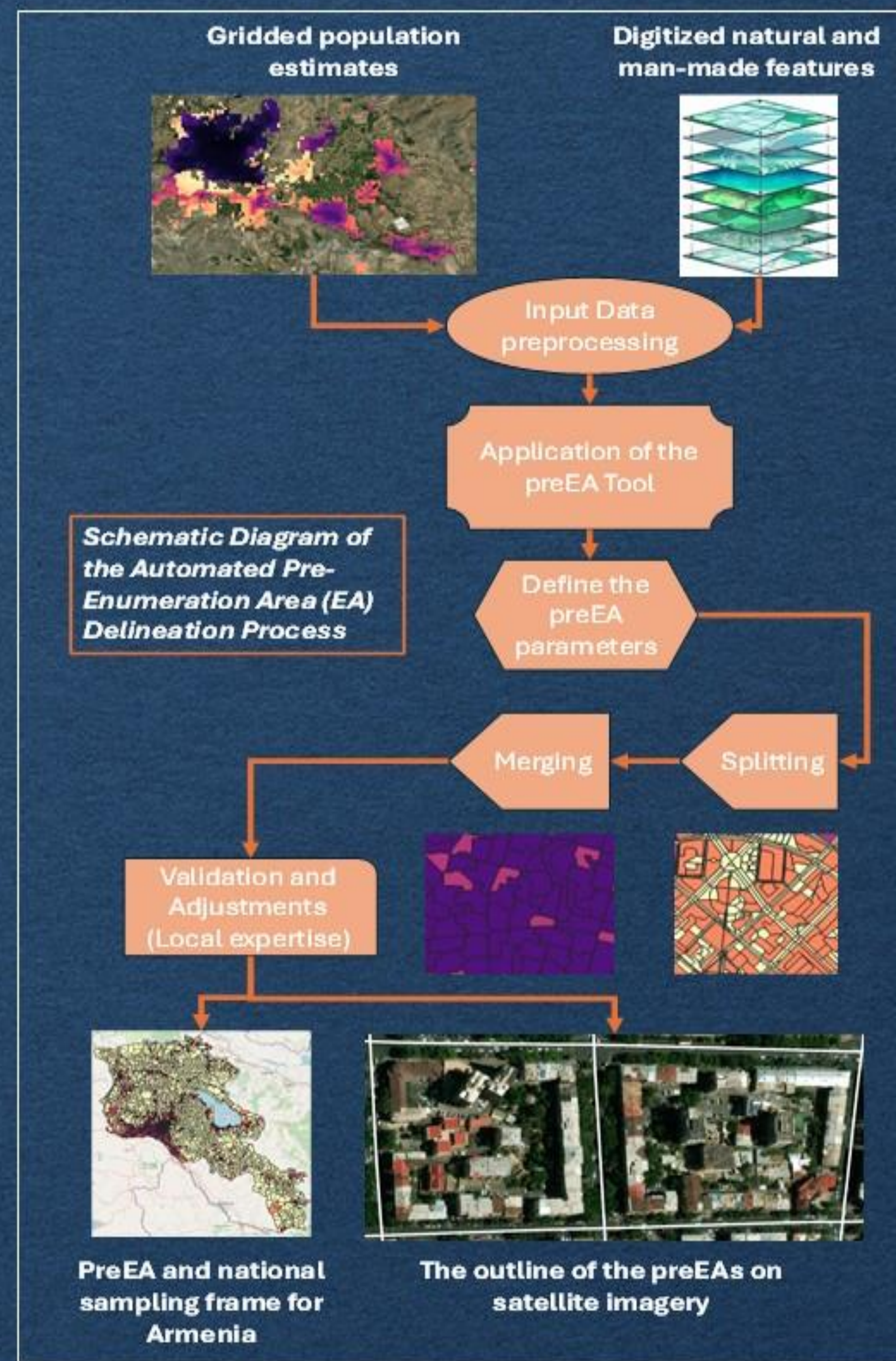
- The last completed census in Armenia was conducted in 2011
- No up-to-date digitized enumeration areas
- No national sampling frames for representative socioeconomic surveys

INNOVATION

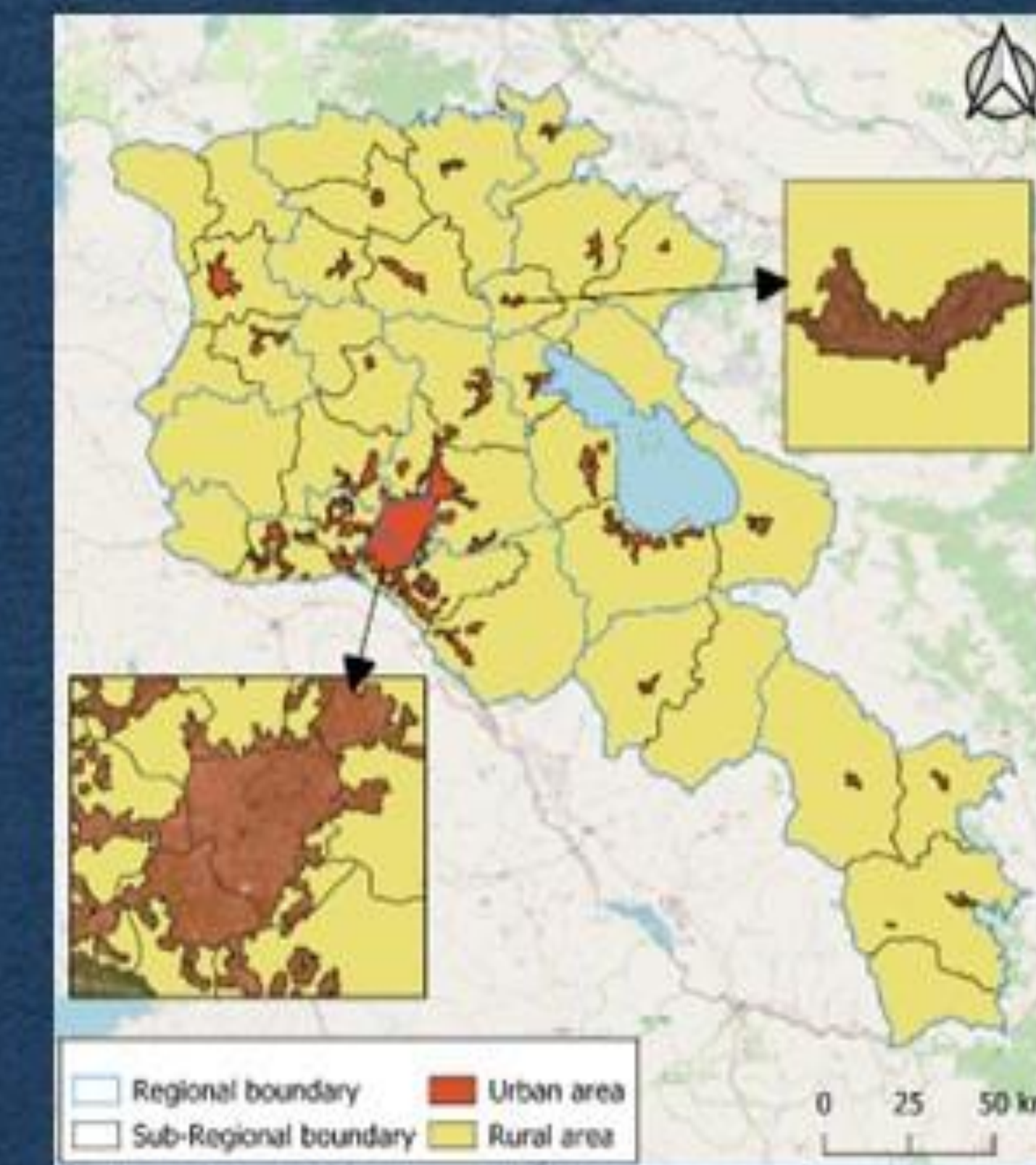


Automated Creation of a National Sampling Frame using a Region Merging Algorithm and Derivative Datasets From Satellite Imagery

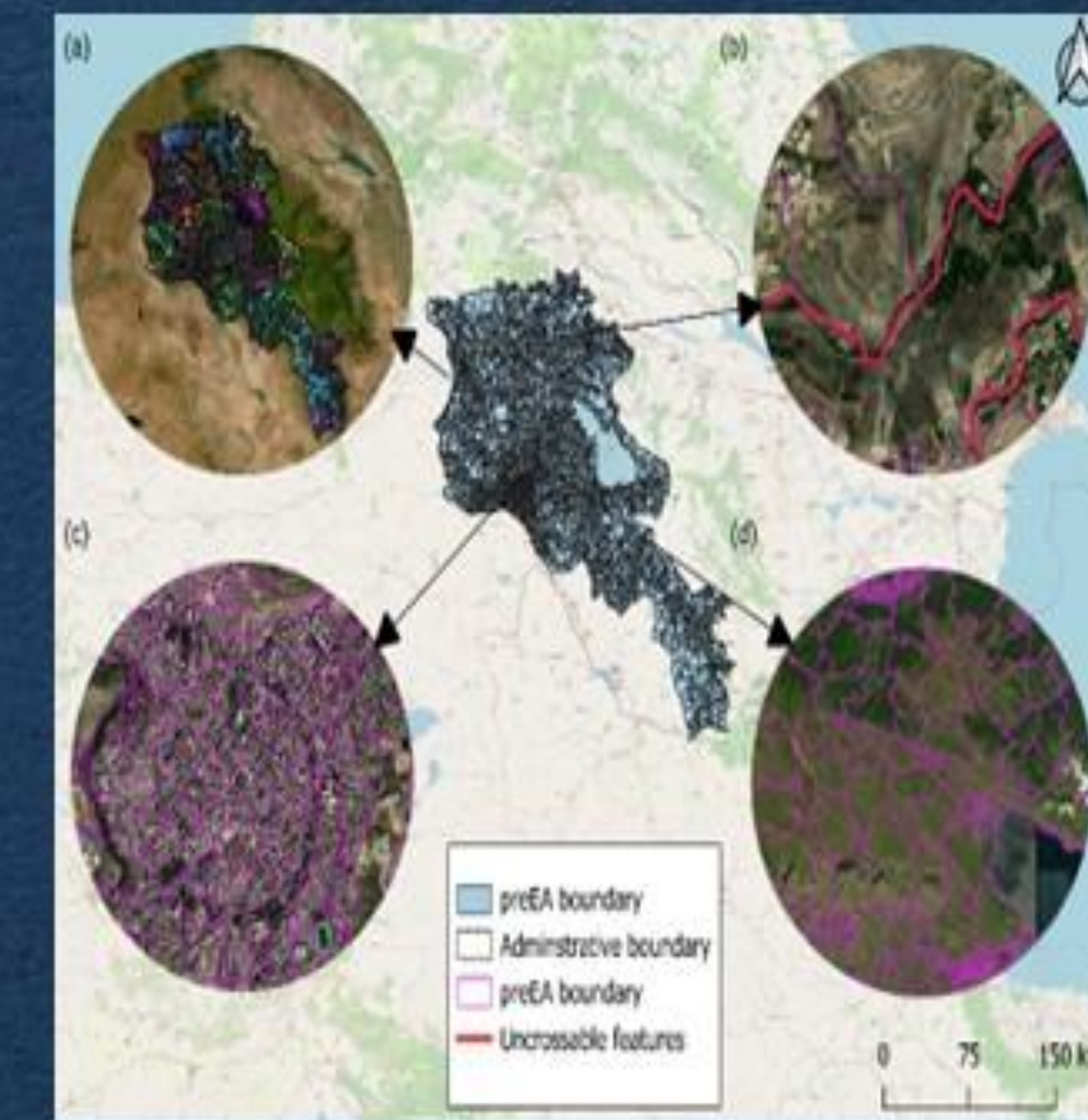
Methodology



Urban and Rural Classification



National Sampling Frame



Results

KEY ACHIEVEMENTS:

- ✓ The first-ever digital national sampling frame and urban and rural boundaries for Armenia.
- ✓ An automated approach completed under 3 months with a small team instead of 2-3 years needed for creating a manual pre-census national sampling frame.
- ✓ All input data are public, and the method is simply transferable to other countries

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