

Our Recent Work on RS Imagery Processing

Jul 25, 2012
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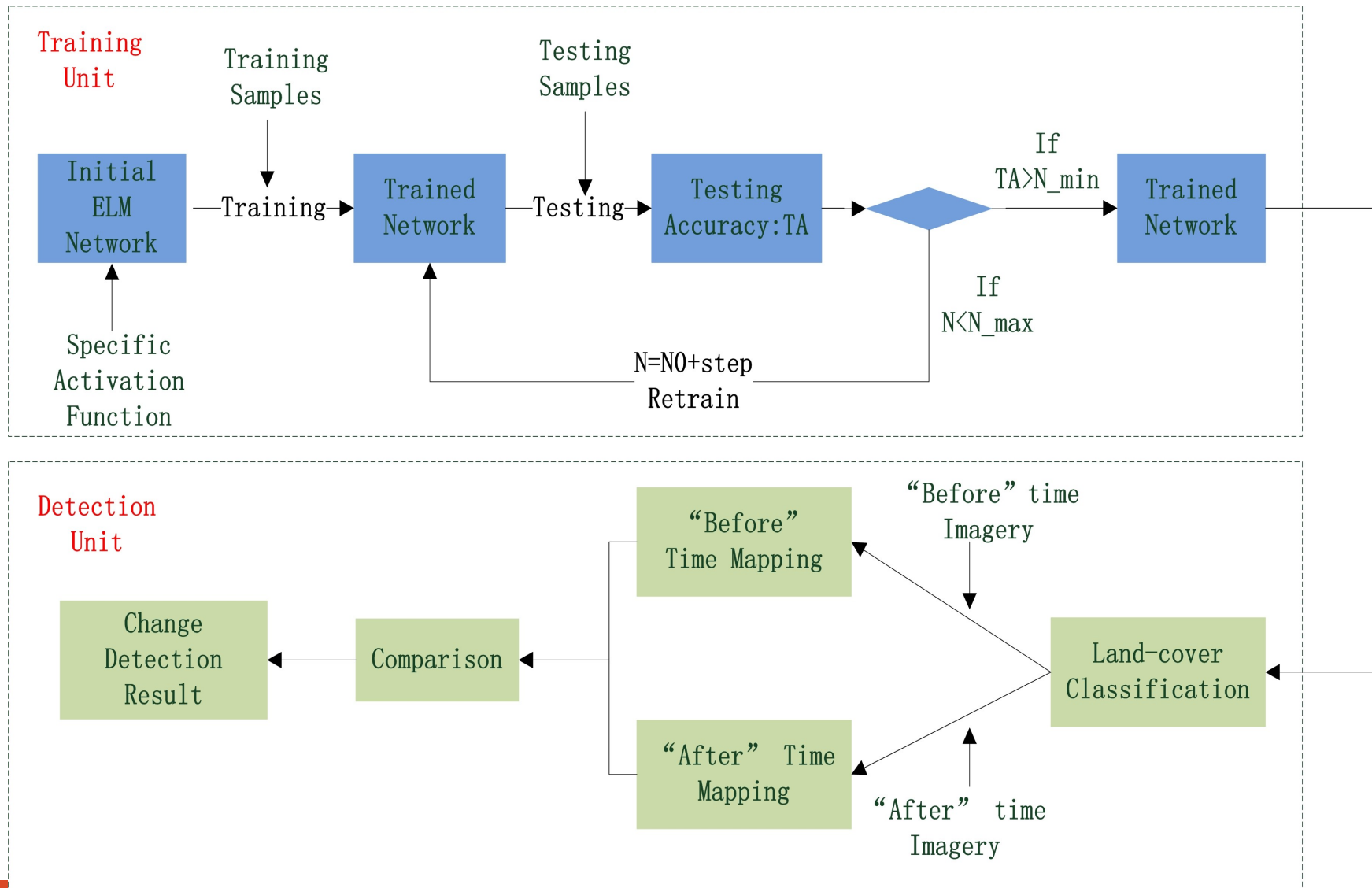
Title: Time-series Processing of Large Scale Remote Sensing Data with Extreme Learning Machine

Key words: Extreme Learning
Machine, Remote Sensing,
Classification, Change
Detection, Time-series

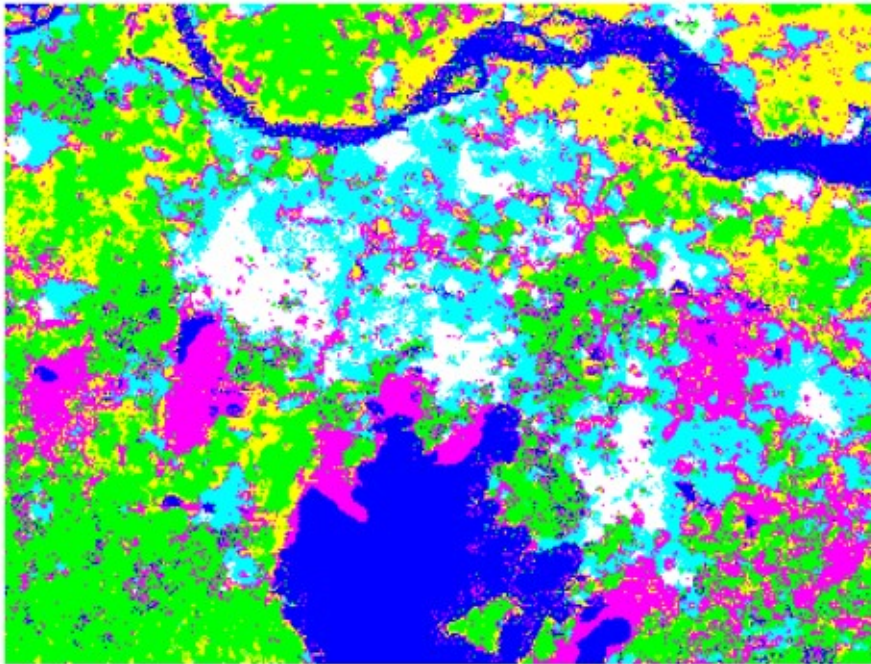
Contributions:

- 1) a novel (ELM) based land-cover change detection method
- 2) high accuracy, high efficiency and little human intervention
- 3) analysis of rapid land use change in Taihu Lake region

Construction of the Method



Result



Other Tips

- 1) The experiment is based on Matlab, you can find the code from <https://github.com/spatio-temporal-cloud/LandCoverDetection>
- 2) We hope to expand the method to cloud infrastructure.

Thanks!