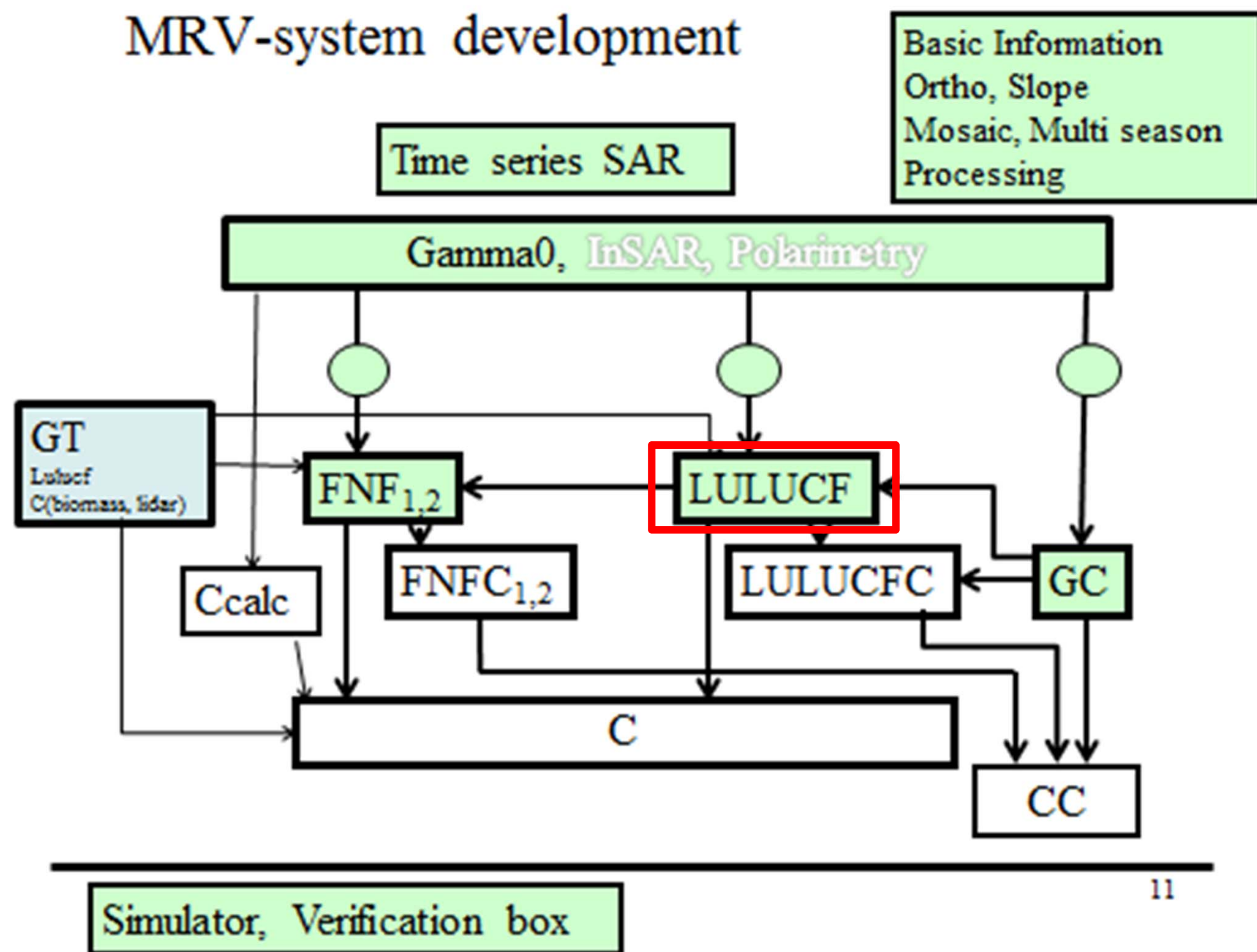


MRV-system development



Test Site & Database

[Test Site]

Central Sumatra, Indonesia
(Riau, Janbi, and West Sumatra
provinces)

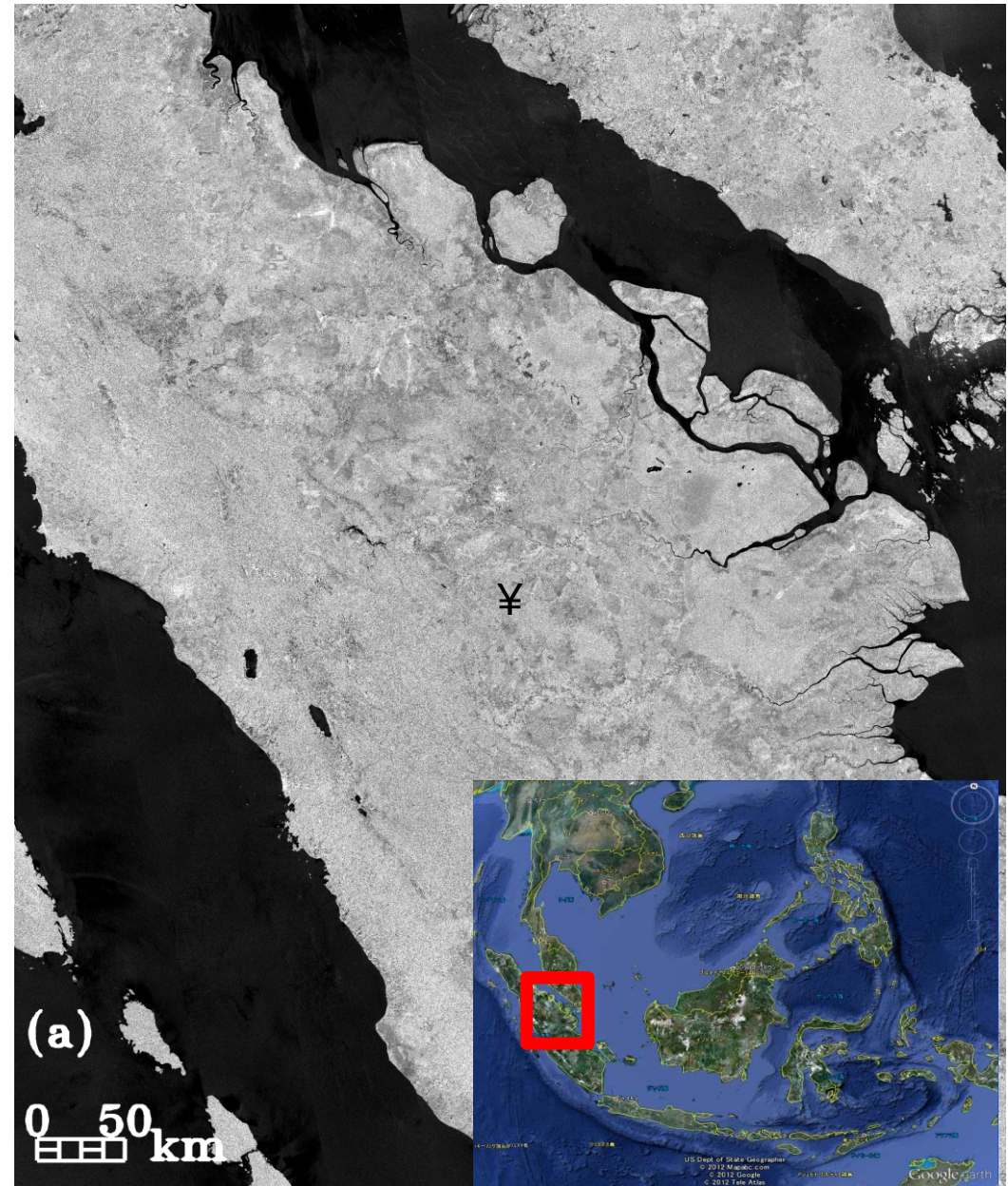
[Database]

- ALOS/PALSAR FBD Mosaic (HH & HV)
25m mosaics (Ortho & slope correction)
Time series: 2007, 2008, 2009

- SRTM3 (90m)

[Ground Truth]

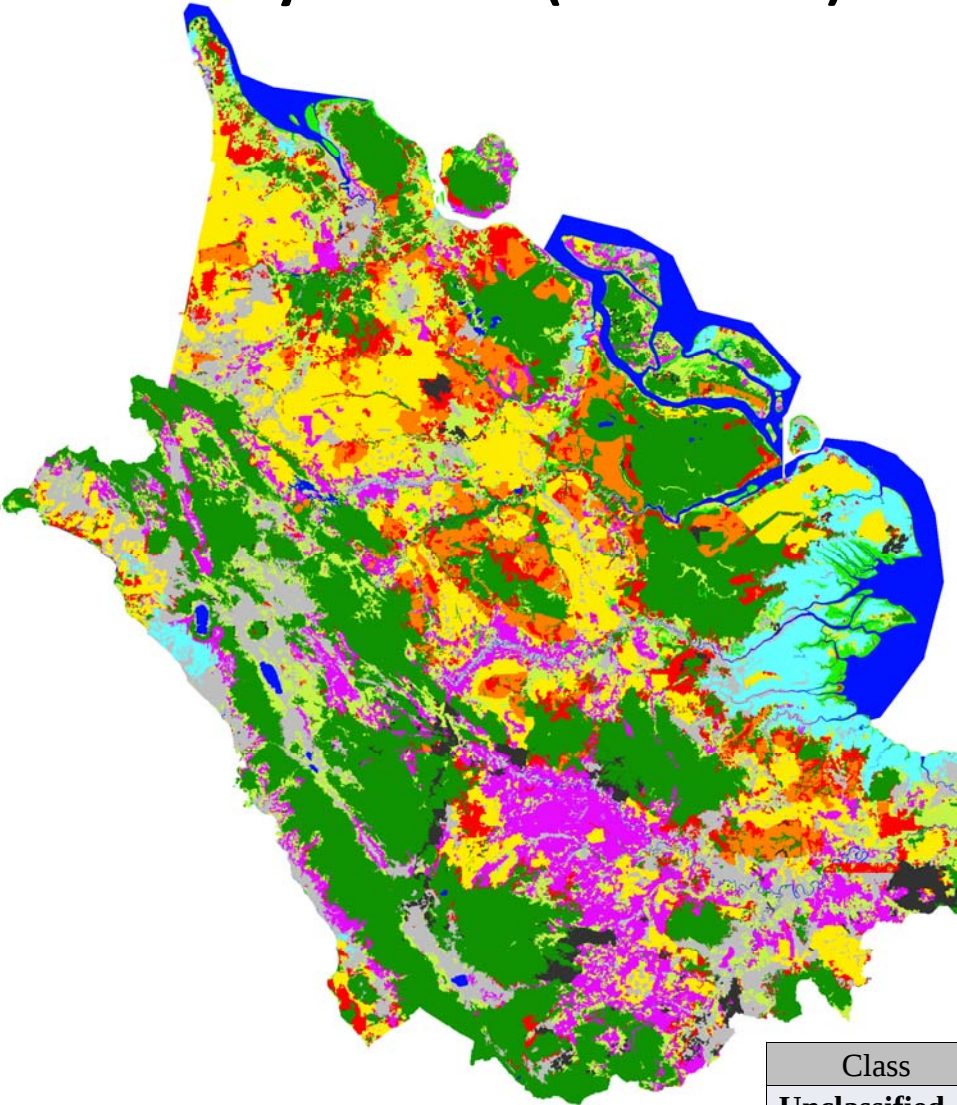
WWF Map 2009



Test site

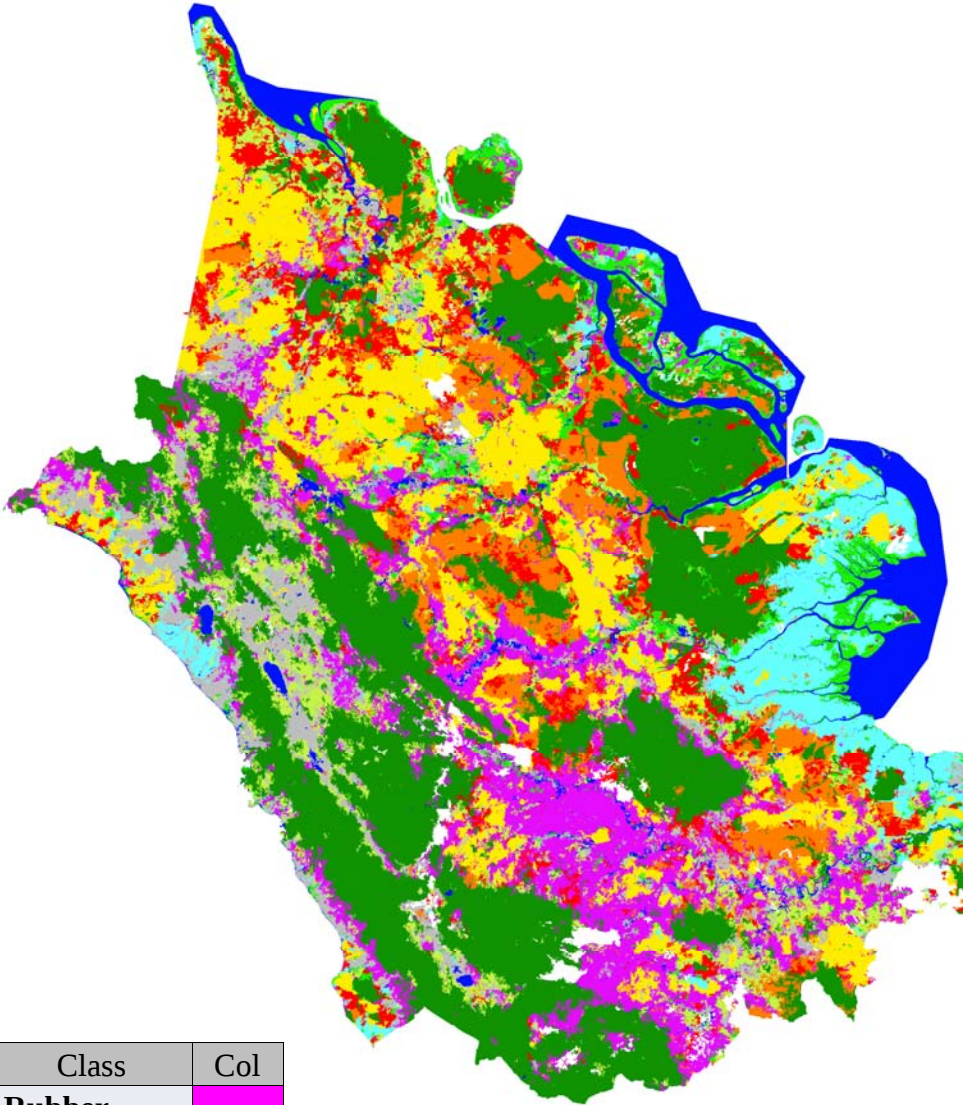
Image processing flow – classification (Random Trees)

Similarity: 64.32% (10 classes)



WWF Ground Truth

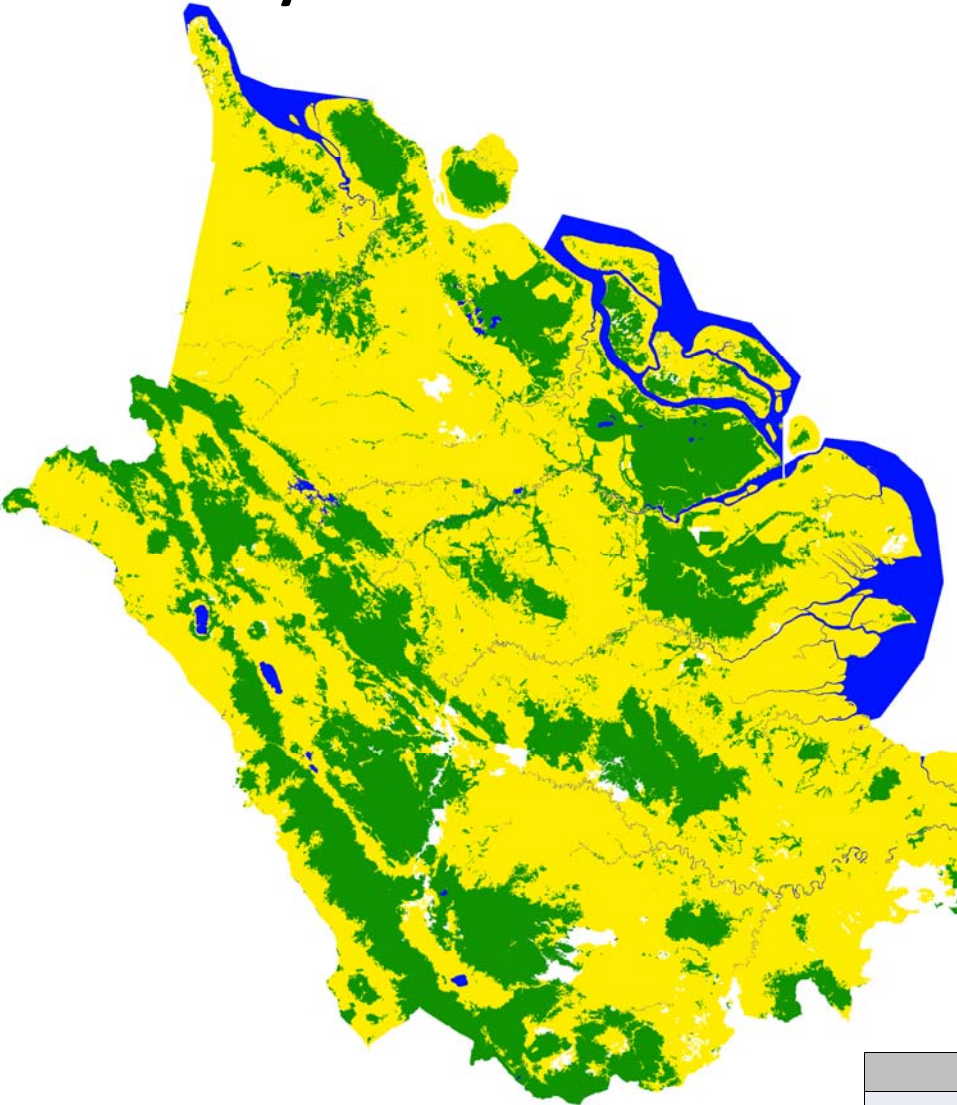
Class	Col	Class	Col
Unclassified		Rubber	
Forest		Coconut	
Mangrove		Open Area	
ReGrowth		Other	
Acacia		Water	
Oil Palm		Cloud	



Classification Result

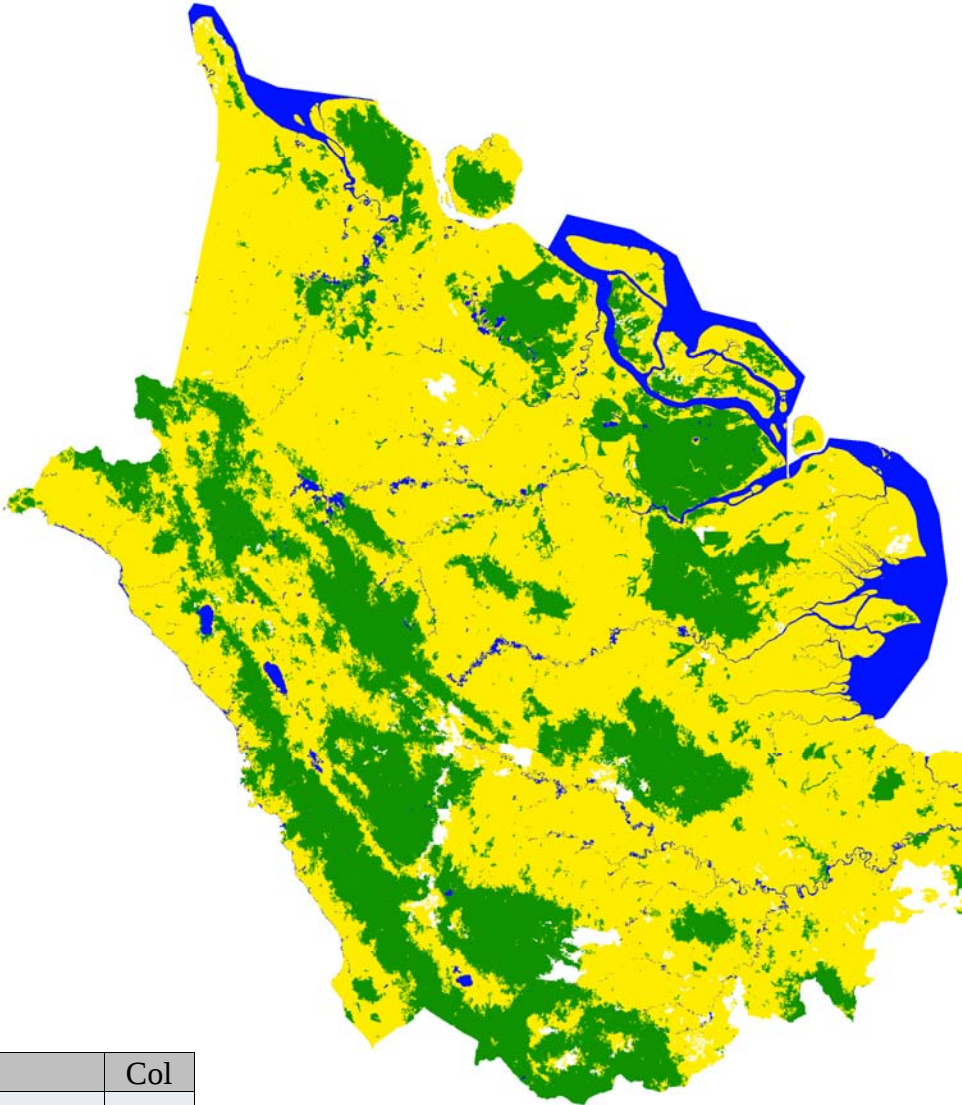
Image processing flow – classification (Random Trees)

Similarity: FNF: 90.10%



WWF Ground Truth

Class	Col
Unclassified	
Forest	Green
Non-Forest	Yellow
Non-Forest(Water)	Blue



Classification Result