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BioSceneMada

Deforestation maps for Madagascar



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[1] Cirad BSEF, [2] WCS, [3] ETC Terra, [4] ONE, [5] Cirad AGIR

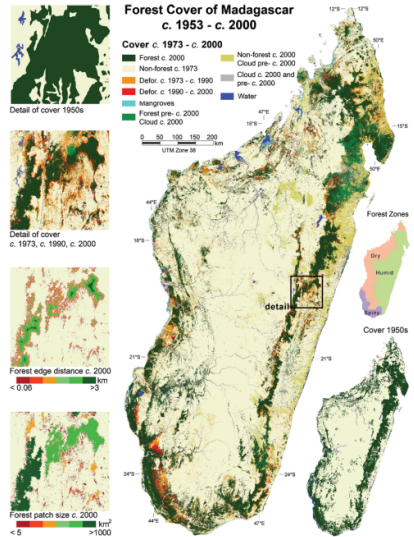


- 1 Methodology
- 2 Maps of past deforestation

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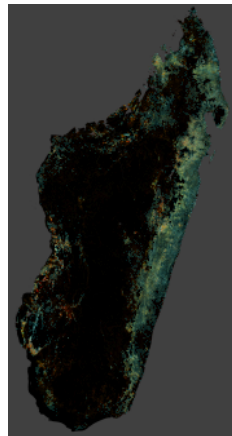
Harper and Hansen maps

- ① 1. Harper et al. 2007, *Environmental Conservation*
 - Forest map c.1973-1990-2000 with clouds
- ② 2. Hansen et al. 2013, *Science*
 - Tree cover map in 2000 without clouds
 - Deforestation map 2000-2012



Clouds and deforestation on 2000-2010

- Clouds were removed from 1990 and 2000 Harper's forest map
- Assuming a tree cover $>75\%$ in moist forest for 2000 Hansen's map
- Deforestation using Hansen's data on the period 2000-2010



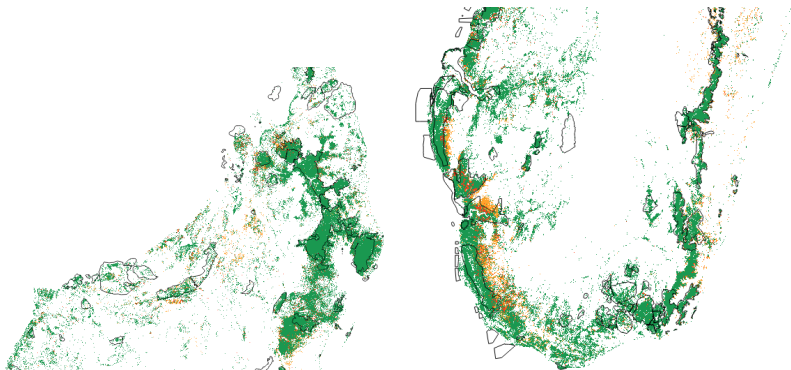
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Maps of past deforestation

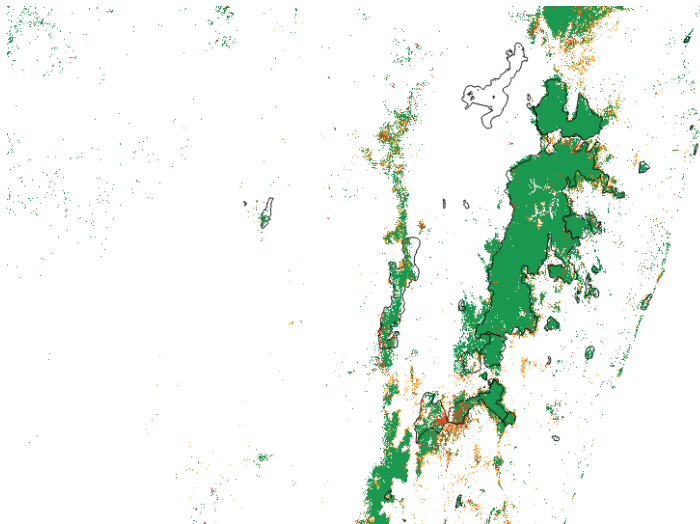
- Results : 1990-2000-2010 deforestation maps
- Without clouds
- At 30m resolution
- <http://bioscenemada.net/forestmaps>




Maps of past deforestation



Maps of past deforestation



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... Thank you for attention ...