Mapping long term trends in deforestation in tropical regions

Clear cut detection - Rondonia
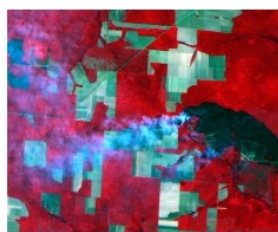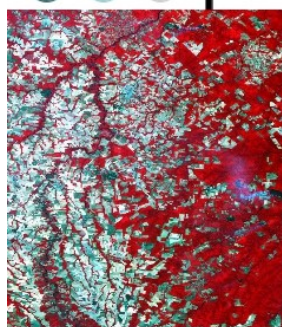
- **Users:** Brazilian National Institute Space Research (INPE)

- **Need:** Satellite imagery to estimate Amazon Basin deforestation assessment, rapid revisit times and wide area coverage.

- **Challenge:** Achieving a full coverage in short imaging windows to achieve homogeneity of data for analysis and reducing the impact of cloud cover common to tropical rainforest regions.

- **Initiative:** DMC wide swath images can cover huge areas and they reduce the time of the analysis significantly. It provided reliable annual large area coverage, and multi-temporal coverage of high risk areas.

- **Results:** Frequent forest monitoring with timely action leads to significant decrease of deforestation and prevents forest loss.

- **Service provider:** DMCii (www.dmcii.com)

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