Tropical managed Forests Observatory

Tropical managed Forests Observatory (TmFO) is a pan-tropical network adressing the long term effects of logging on tropical forest ecosystems. While managed forests are now dominating in the tropics, few is know about their current and future functionning, notably with increasing climate variability. TmFO aims to provide evidence-based logging practices that maintain both vital forest functions and provision of environmental and economic services.

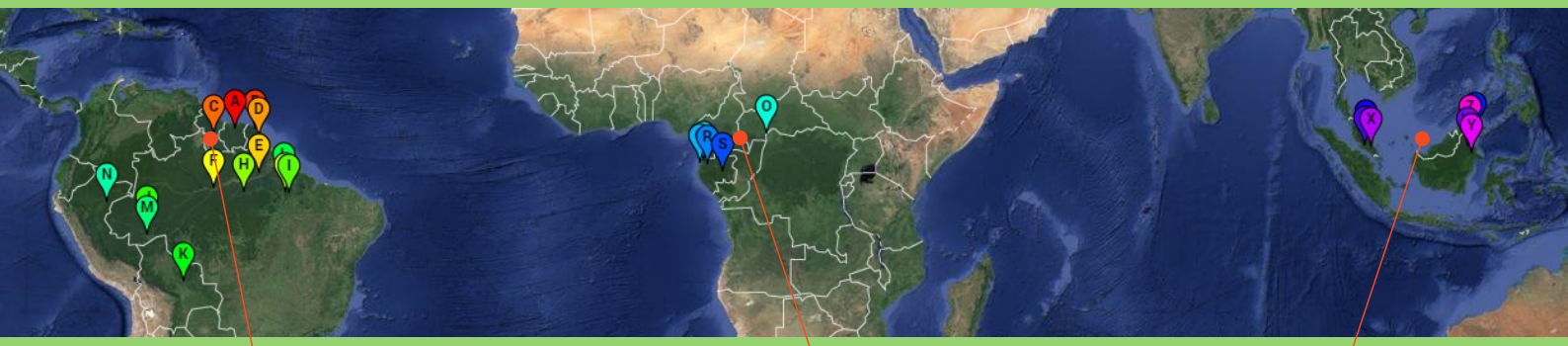
TmFO's partners:

TmFO aims:

- to connect and to reinforce capacities among researchers and foresters in the Tropics
- to promote innovative participatory approach warranting data ownership
- to address urgent issues, such as forest degradation and sustainable forest managements
- to provide essential ground-based data for up-scaled models

TmFO gathers:

- 493 plots, 925 ha and 6+ million trees measured across South America, Africa and South East Asia
- 40+ researchers involved from 22 institutions
- 500'000+ US $ annual budget



Amazon

6 research centers
14 sites covering 692 ha

Ongoing project

- regional analysis of biomass recovery
- effect of logging on tree demography
- fate of injured trees
- dynamic of carbon in vegetation, dead material and soil

Africa

3 research centers
5 sites covering 79 ha

Ongoing project

- long-term study of post-logging dynamic (Mbaiki)
- dynamic of carbon in vegetation, dead material

Asia

5 research centers
7 sites covering 152 ha

Ongoing project

- regional analysis of biomass recovery
- dynamic of carbon in vegetation, dead material and soil
- carbon emissions from forestry sector
- fate of injured trees

Join us on www.tmfo.org

TmFO is coordinated by cirad and supported by the Sentinel Landscape program of Consultative Group on International Agricultural Research (CGIAR) research program: Forest, Tree and Agroforestry (FTA), 2013-2015