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Open geodata of the LaForeT project landscapes in Ecuador, the Philippines and Zambia

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Abstract

The LaForeT (Landscape Forestry in the Tropics) project has been conducted by the Thünen Institute of Forestry in close collaboration with partners in Ecuador, the Philippines and Zambia in the years 2016 to 2023 with the main objective to analyze the impact of policy instruments on deforestation and reforestation processes as well as land-use dynamics and sustainability in a landscape context. The project relied on an extensive field campaign to collect research data from different scientific domains related to tropical land use. Even though that more than 20 scientific publications have in the meantime become available based on the data sets, the scientific data potential is far from being fully exploited. The aggregated field data are now made publicly accessible. They include 16676 georeferenced ground control points with land use information for satellite image ground truthing, 2641 land use polygons, 507 forest inventory plots, 3582 household intervies, 315 governance polygons.

Data access

Data are open for public, non-commercial use on the condition of correct scientific citation.
The following LaForeT geodata packages are available

Ferrer Velasco, R., Lippe, M., Günter, S., Jany, C., Mfuni, T., Rebuyas, R.S., Tamayo, F., Fischer, R., Eguiguren, P., Kazungu, M., Nansikombi, H., Ojeda-Luna, T., Wiebe, P., 2023. **Geospatial open data for ground control points and landscape borders of the LaForeT project**. Annex 1 to Thünen Working Paper 236. Braunschweig, Germany
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https://doi.org/10.3220/DATA20240213131340-0
https://www.openagrar.de/receive/openagrar_mods_00092841

Interactive visualization of the research data is possible on the Thünen Atlas under https://atlas.thuenen.de .
Data download is as well possible through the Thünen Atlas.
In addition, data from the inquiry among over 3.500 households in all three countries are available. For privacy reasons, these are not included in the set of open research data, but can be requested in anonymized formats from the authors or the Institute of Forestry (https://www.thuenen.de/de/fachinstitute/waldwirtschaft).