PAR_23

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Sample information

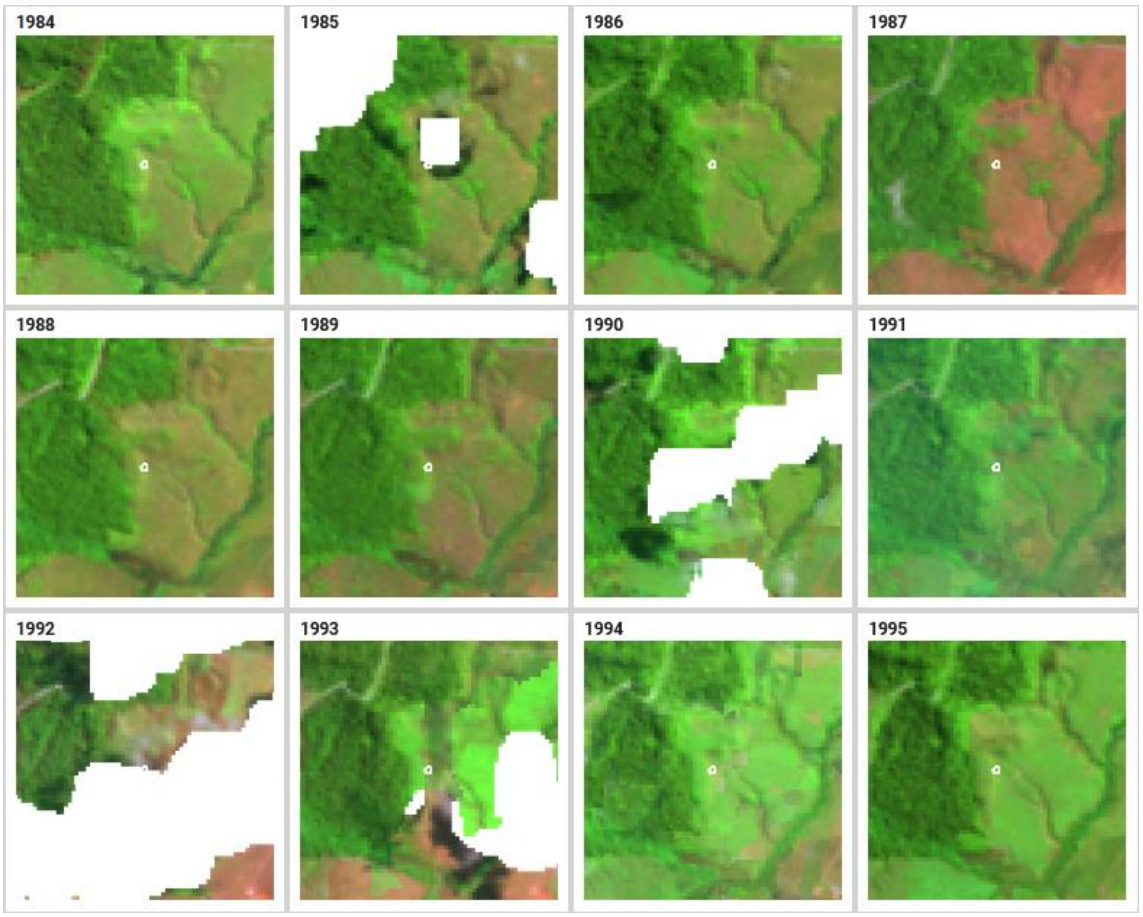
Class: SF1_15yr

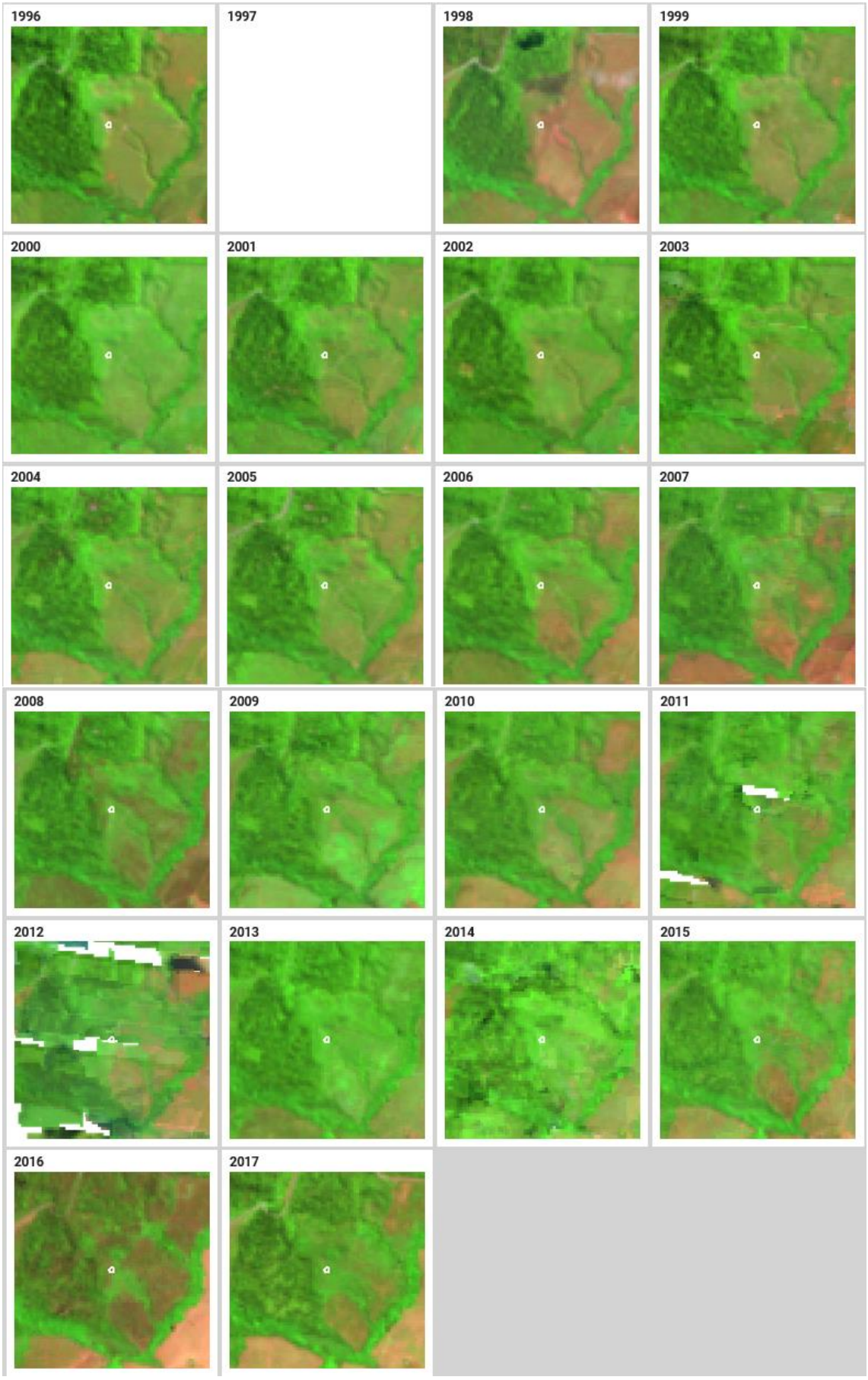
Disturbance year: 2016

Source: Visual interpretation of Landsat time series + auxiliary data (Turubanova et al., 2018; Tyukavina et al., 2022)

Annual Landsat images (RGB SWIR1-NIR-GREEN)

RGB composites from 1984 to 2017 for the sample area (represented in white at the center) and its surroundings within a radius of 1 km.




1996
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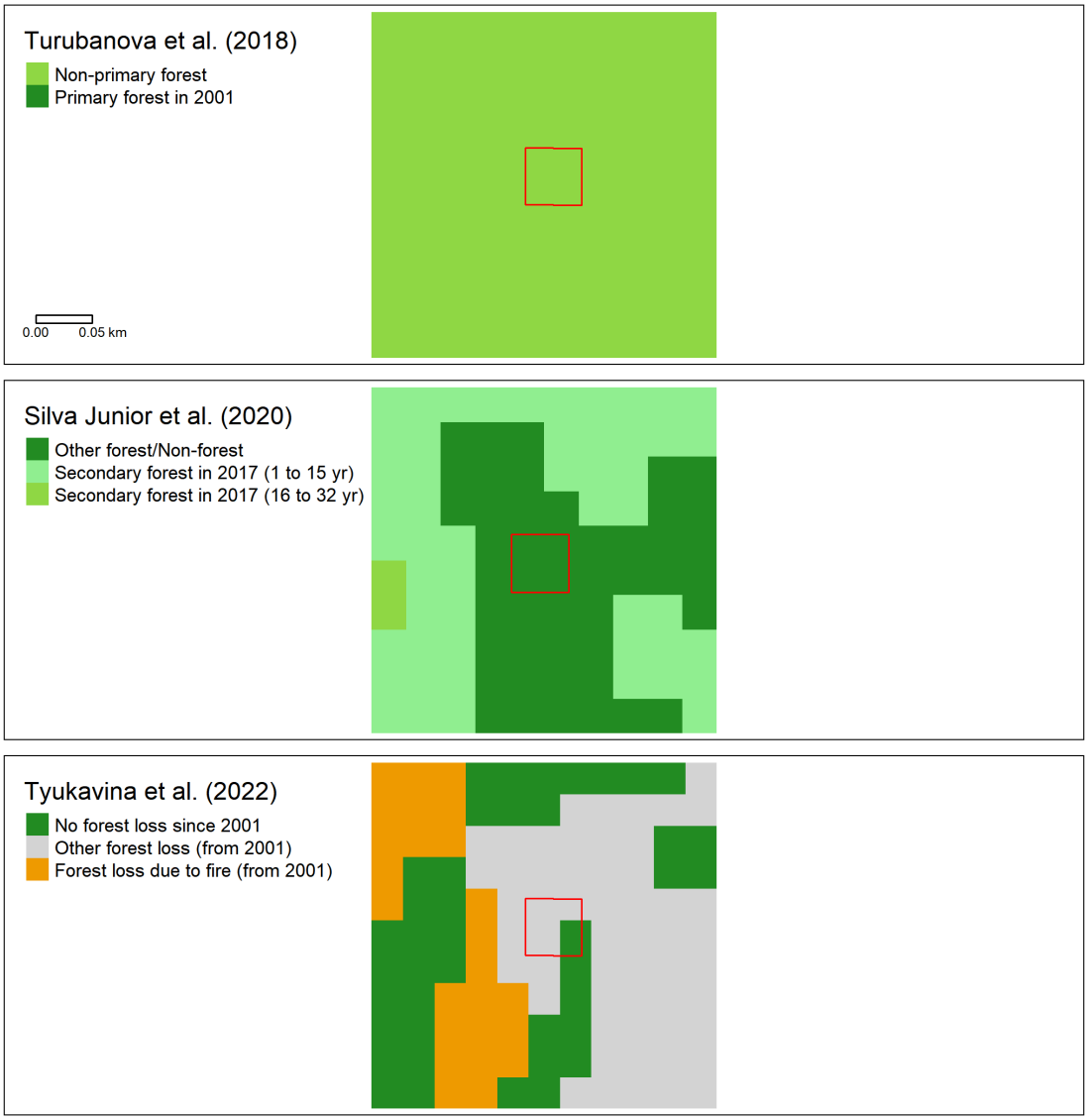
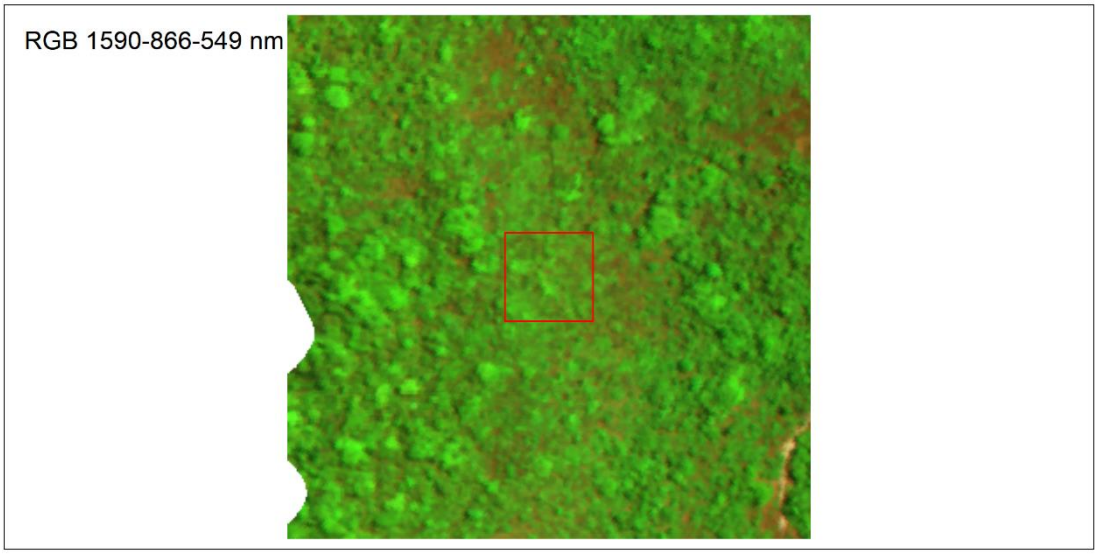
Auxiliary disturbance data

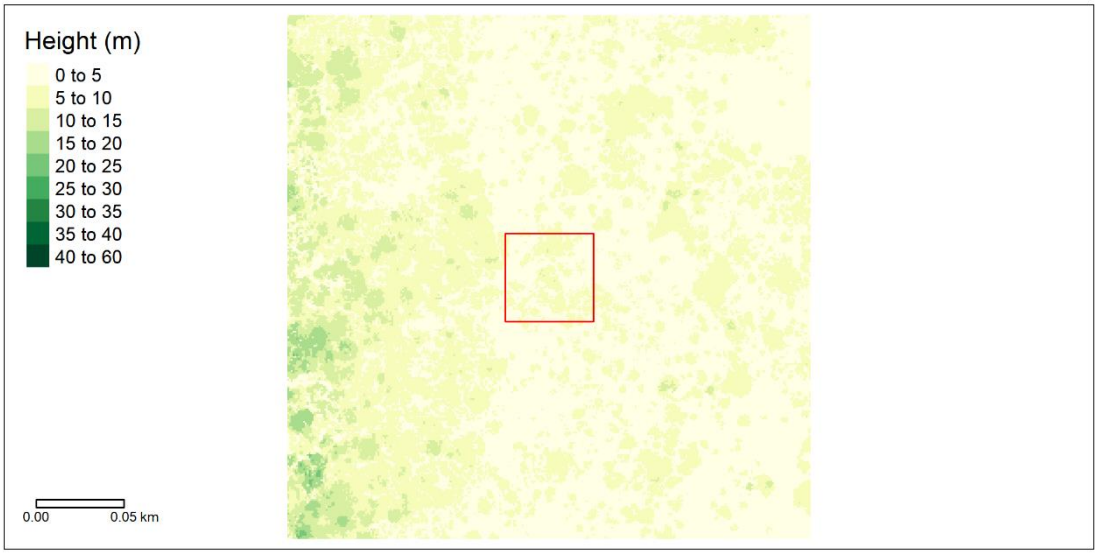
Auxiliary data for the identification of disturbance class for the sample area (represented by the red square) and for a 125 m radius around the sample.



Hyperspectral RGB composite and LiDAR canopy height

RGB composite from the hyperspectral data (top) and LiDAR canopy height (bottom) for the sample area (represented by the red square) and for a 125 m radius around the sample.





References

Turubanova, S., Potapov, P., Tyukavina, A., Hansen, M. (2018) Ongoing primary forest loss in Brazil, Democratic Republic of the Congo, and Indonesia. *Environmental Research Letters* https://doi.org/10.1088/1748-9326/aacd1c

Silva Junior, C.H.L., Heinrich, V.H.A., Freire, A.T.G., Broggio, I.S., Rosan, T.M., Doblas, J., Anderson, L.O., Rousseau, G.X., Shimabukuro, Y.E., Silva, C.A., House, J.I., Aragão, L.E.O.C. (2020) Benchmark maps of 33 years of secondary forest age for Brazil [Data set]. In Scientific Data (v2.0.0, Vol. 7, Number 269, https://doi.org/10.1038/s41597-020-00600-4). Zenodo. https://doi.org/10.5281/zenodo.3928660

Tyukavina, A., Potapov, P., Hansen, M.C., Pickens, A., Stehman, S., Turubanova, S., Parker, D., Zalles, V., Lima, A., Kommareddy, I., Song, X-P, Wang, L. and Harris, N. (2022) Global trends of forest loss due to fire, 2001-2019. *Frontiers in Remote Sensing* https://doi.org/10.3389/frsen.2022.825190

Contact

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