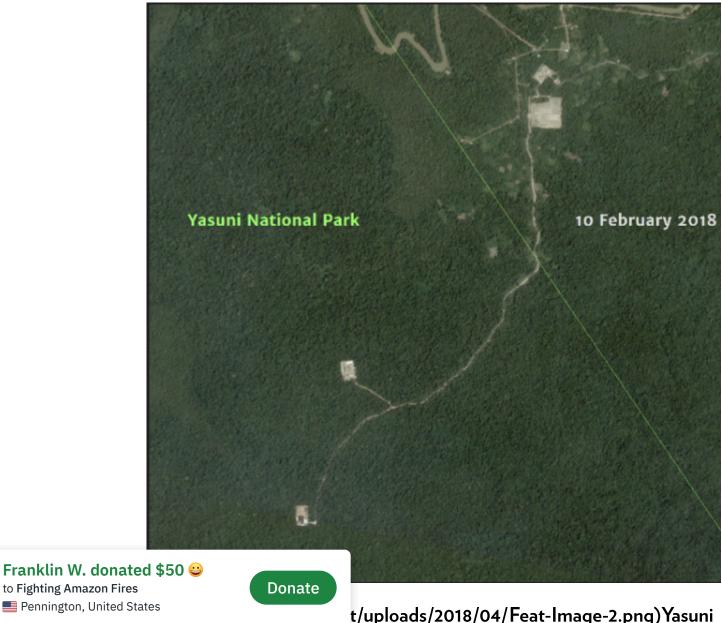
## MAAP #82: Oil-related Deforestation in Yasuni National Park, Ecuadorian Amazon

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Pennington, United States t/uploads/2018/04/Feat-Image-2.png)Yasuni biodiverse area in the world. It is also the ancestral territory of the **Waorani**, and their relatives in voluntary isolation.

However, underneath the park are large oil fields, setting up the constant conflict looming over Yasuni. In fact, in a recent **referendum**, Ecuadorian voters approved limiting the oil extraction area within Yasuni National Park to **300 hectares** (740 acres).

*Here*, we analyze high-resolution **satellite imagery** to estimate both direct and indirect oil-related deforestation within Yasuní National Park.

For **direct impact**, we document the deforestation of **169 hectares** (418 acres) within the park for oil-related infrastructure.

For **indirect impact**, we document the deforestation of **248 hectares** (613 acres) due to colonization along an oil access road.

The total direct and indirect deforestation due to oil extraction is 417 hectares (1,030 acres).

Thus, one could argue that the oil-related deforestation has already **exceeded** the 300 hectares (740 acres) approved by the voters.

We illustrate these results in a **Story Map**.

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