# [***Amazon: more than 80% of protected areas are threatened***](https://advance.lexis.com/api/document?collection=news&id=urn:contentItem:677V-N8S1-JCG7-83DP-00000-00&context=1516831)

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**Body**

By 2023, if the pace of logging is not stopped, the ***Amazon*** Rainforest may lose another 11,805 km² of native forest, according to an estimate by the artificial intelligence platform PrevisIA. The size of almost 10 cities in Rio de Janeiro, the predicted devastation will cause even more emissions of greenhouse gases, which are related to the greater frequency and intensity of extreme weather phenomena. Among them are heavy rains, cold and heat waves and prolonged droughts.

Developed by Imazon in partnership with Microsoft and Fundo Vale, the tool has already shown an accuracy of almost 80% in predicting ***deforestation*** in 2022, which consolidates it as a relevant technology to assist forest protection actions. To validate how accurate PrevisIA was, the researchers crossed the areas that the platform predicted to be at risk of ***deforestation*** between August 2021 and July 2022 with the devastation registered by Imazon's ***Deforestation*** Alert System (SAD) in the same period. And the result was that 78.2% of the destruction occurred within 4 km of the area indicated by the platform.

If this happens, the platform estimates that 2023 will have the second largest ***deforestation*** since 2008, second only to 2021. Like Prodes, the federal system that annually monitors ***deforestation*** in the ***Amazon***, PrevisIA's risk calculation takes into account the so-called "***deforestation*** calendar", which runs from August of one year to July of the following year.

Among the nine states that make up the Legal ***Amazon***, the most critical in relation to the risk of ***deforestation*** in 2023 are the three largest: Pará, Amazonas and Mato Grosso. Together, they represent 73% of the area under threat of ***deforestation*** in 2023 (8,582 km²), according to PrevisIA. This means that state governments will also need to act to prevent this estimate from being realized.

Next is Acre, which despite being the second smallest state in the Legal ***Amazon*** presented the fourth largest area at risk of ***deforestation*** in PrevisIA: 1,269 km². The fifth largest area under threat is Rondônia, 1,094 km², a state that, like Acre, borders Amazonas. On the tool's map it is possible to see that the forests under greatest risk in these states are precisely on their borders, where there is an area of agricultural expansion called Amacro.

Besides the states, PrevisIA also points out the municipalities with the forest areas under the greatest risk of devastation in 2023. Among the first 10, half are in Pará.

Of the 803 protected areas in the ***Amazon*** (indigenous lands, conservation units and quilombola territories), 653 are at risk of ***deforestation*** in 2023, according to PrevisIA. This represents 81% of all protected territories. Regarding the total area at risk in the ***Amazon***, 1,806 km² (15%) are within protected areas.

The most threatened are the conservation units, where 1,357 km² of forest are at risk of being cut down. Next are the indigenous lands, with 433 km², and the quilombola territories, with 16 km².

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