



WPI

Protect the Nest

Conservation of the Amazon Rainforest and the Harpy Eagle

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The Problem

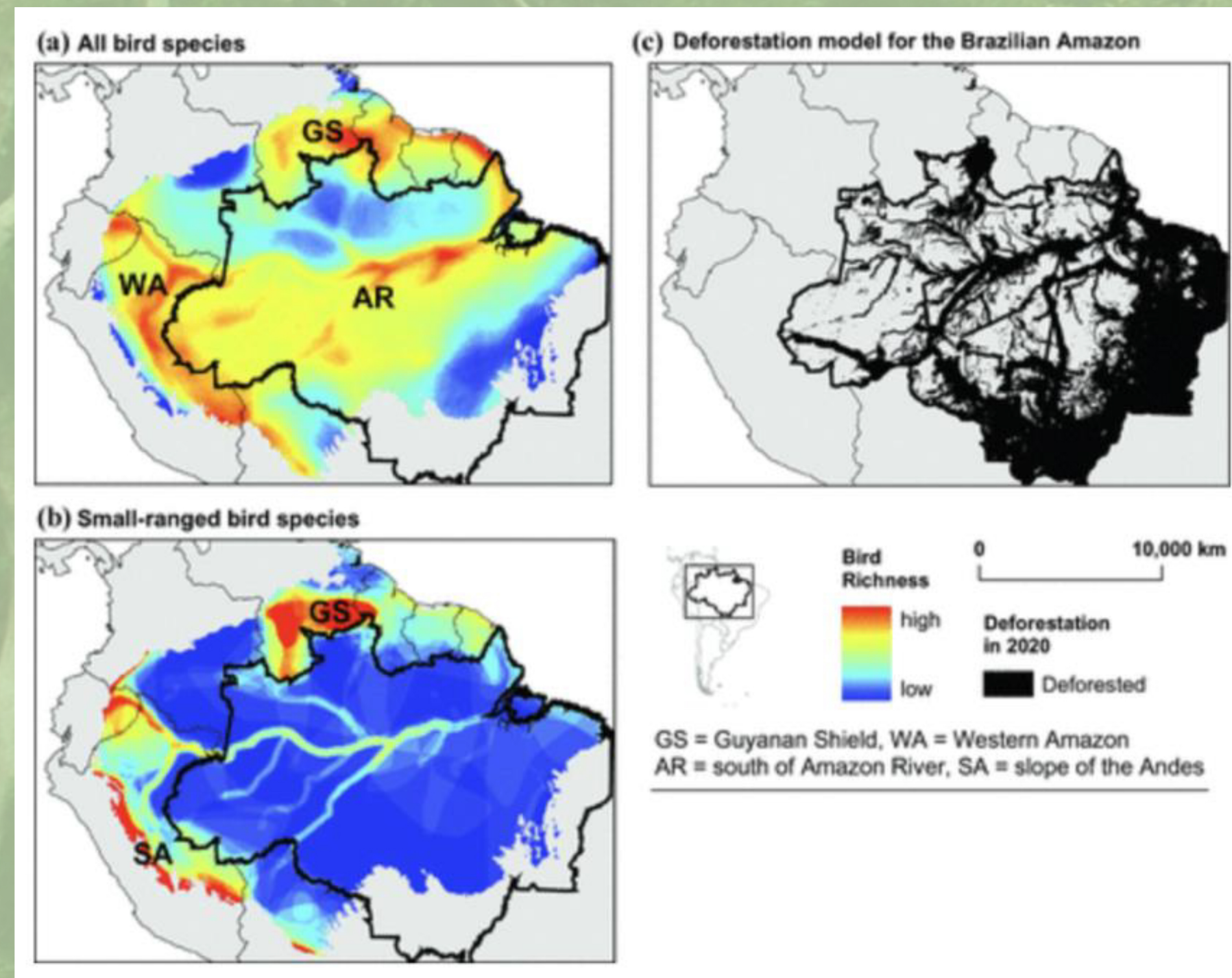
In the Brazilian Amazon, deforestation continues to be one of the drivers of habitat loss for the Harpy eagle.



Harpy Eagle Facts

- Large tropical raptor
- Near threatened and declining
- Selective in nesting choices (28 tree species)
- Main food source monkeys and sloths

Overlap of Bird Distribution and Deforestation

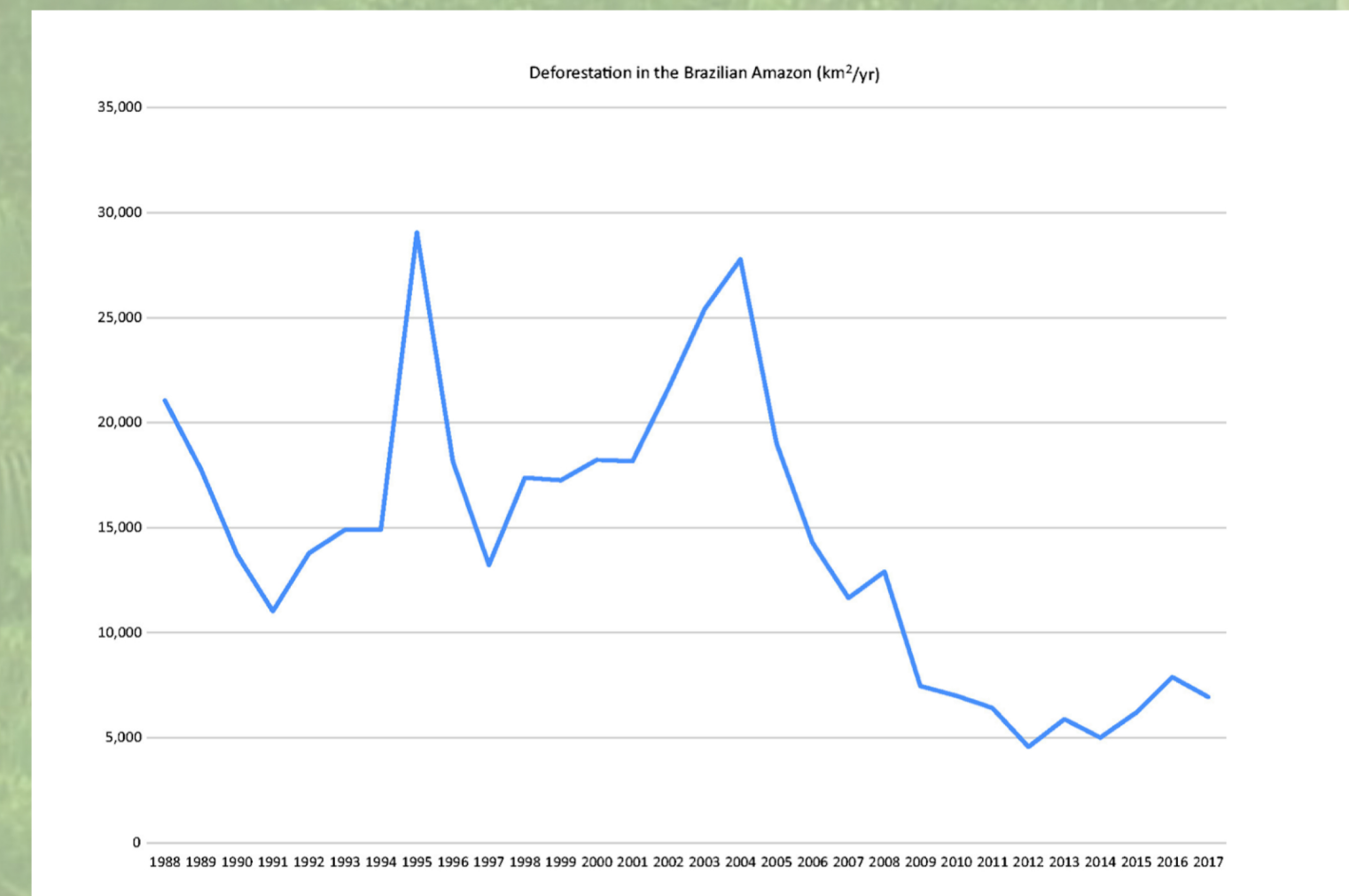


Research Question:

How are Harpy eagles affected by deforestation?

Deforestation and the Harpy Eagle

Habitat loss: trees used for nesting are cut down for timber



Diminished food source: prey losing habitat causing decrease in populations



The Solutions



1. Harpy Eagle Breeding Program



2. Sustainable Logging Methods



Our goal is to restore the population and the forest.

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Harpy Eagle. "Bird Harpy Berlin Zoo" is in the Public Domain, CC0

Bird Map: Vale, M. M., Colin-Hart, M., Bergen, S., & Pimm, S. L. (2008). *Effects of Future Infrastructure Development on Threat Status and Occurrence of Amazonian Birds: Predicting Bird Status in the Amazon*. *Conservation Biology*, 22(4), 1006-1015. <https://doi.org/10.1111/j.1523-1739.2008.00939.x>

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