

Assessment of priority areas for primary forest in the Asia Pacific region

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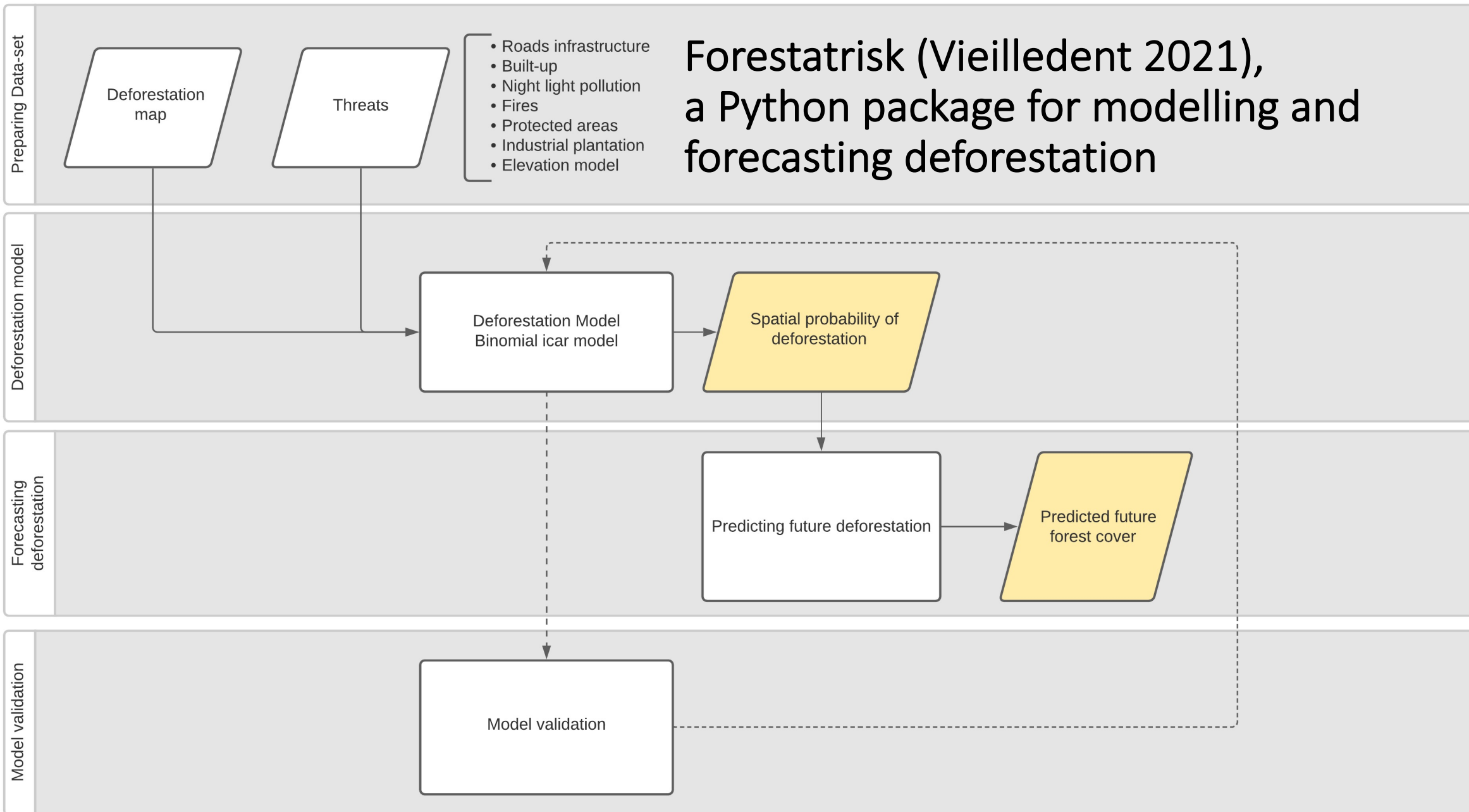
Yves Laumonier, Gemasakti Adzan

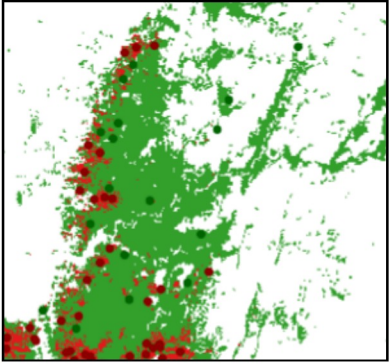


**Asia-Pacific Forest Sector Outlook: Roadmap
for primary forests conservation.
Online expert workshop, 23-25 March 2021**

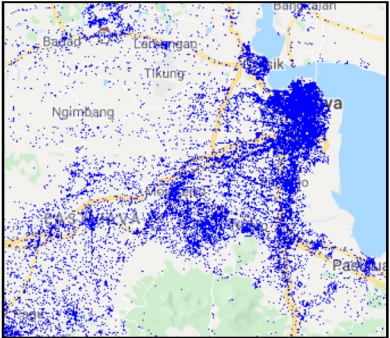


RESEARCH
PROGRAM ON
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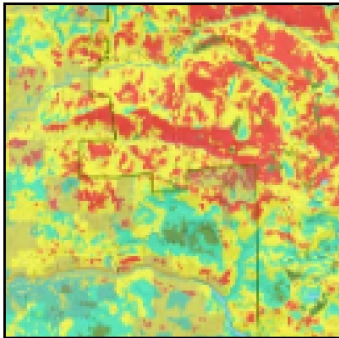




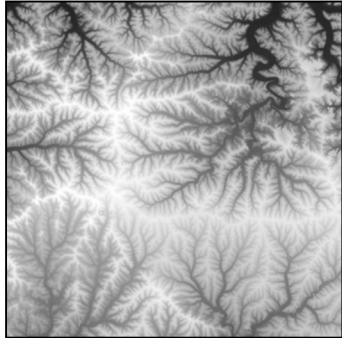
Deforestation map
from previous forest
cover mapping



Global
Settlements/Built-up



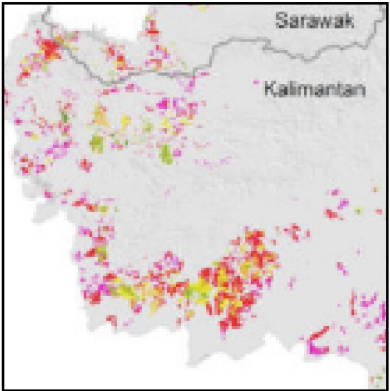
Burn severity



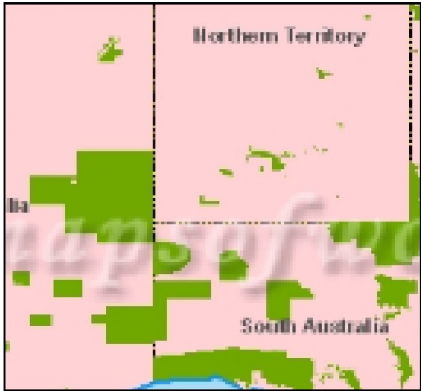
DEM



Night-time light



Industrial
Plantation



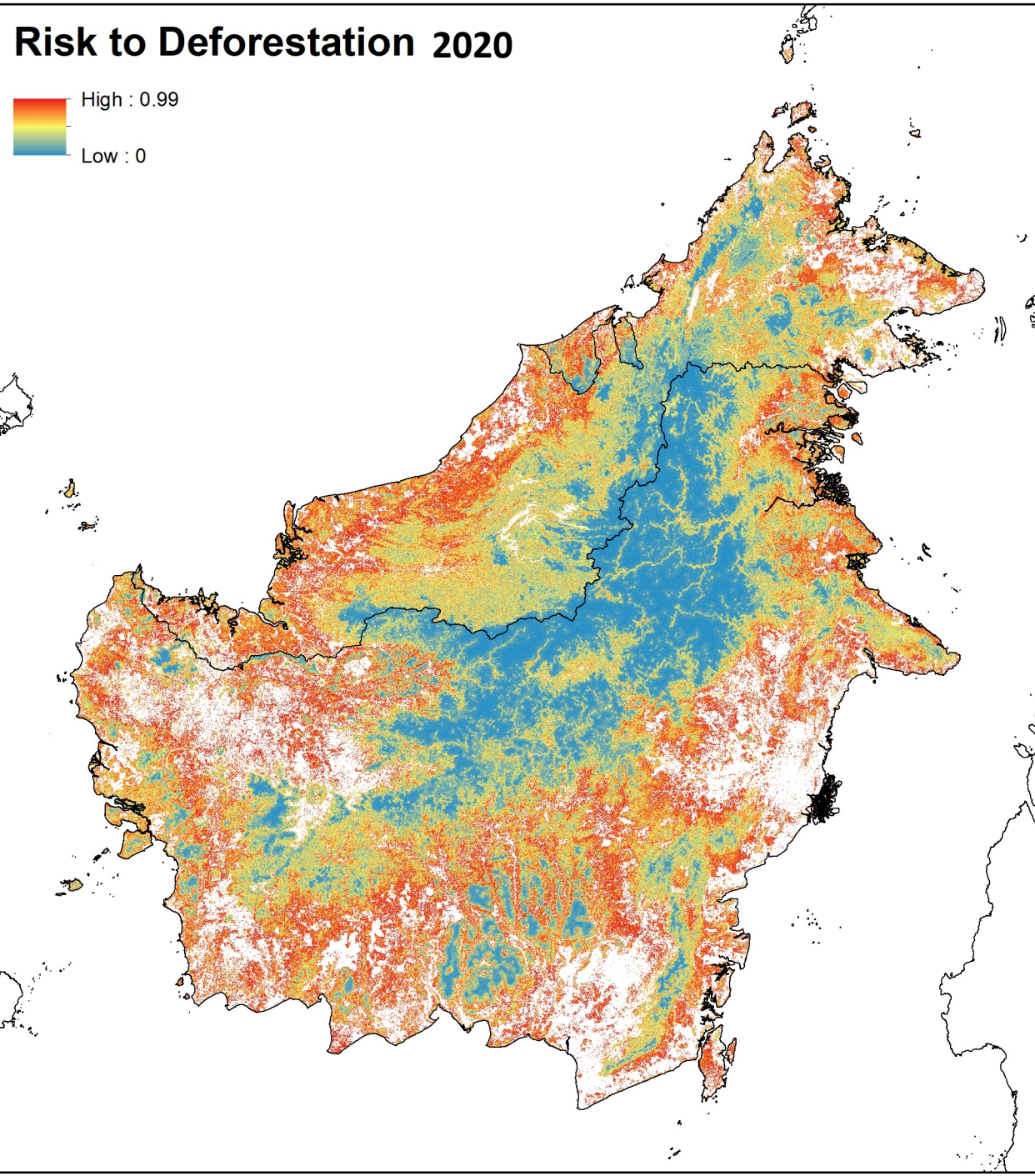
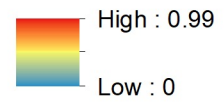
Protected
Areas



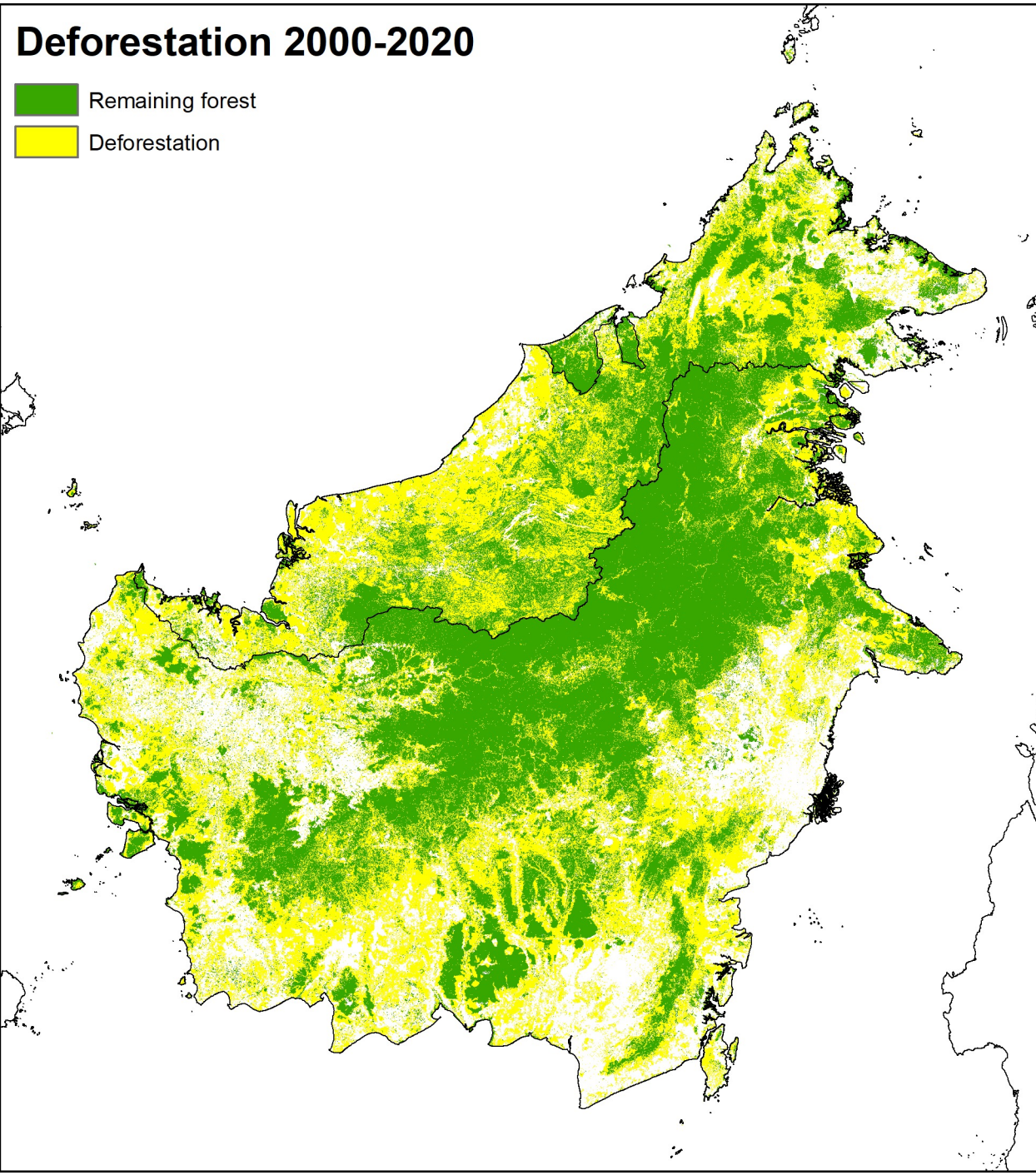
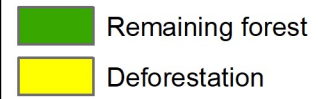
Roads infrastructure

Threats and ancillary data	Source	Processing	References
Deforestation	Previous forest cover mapping results	Stratified sampling	This project
Roads	OSM - Geofabrik	Euclidean distance	Cushman et al. 2017, Vieilledent et al. 2014, Gaveau et al. 2009
Settlement	Global Human Settlement Layer (http://ghsl.jrc.ec.europa.eu/documents/GHSL_data_access.pdf)	Euclidean distance	Vogt et al. 2019
Nighttime's light	NOAA's National Geophysical Data Center	Neighborhood	Xia et al. 2021
Digital Elevation Model	Shuttle Radar Topographic Mission (SRTM)		Cushman et al. 2017 Vieilledent et al. 2014
Burn severity	Landsat	Neighborhood	Jakova et al.
Industrial Plantation	WRI	Euclidean distance	Gaveau et al. 2009

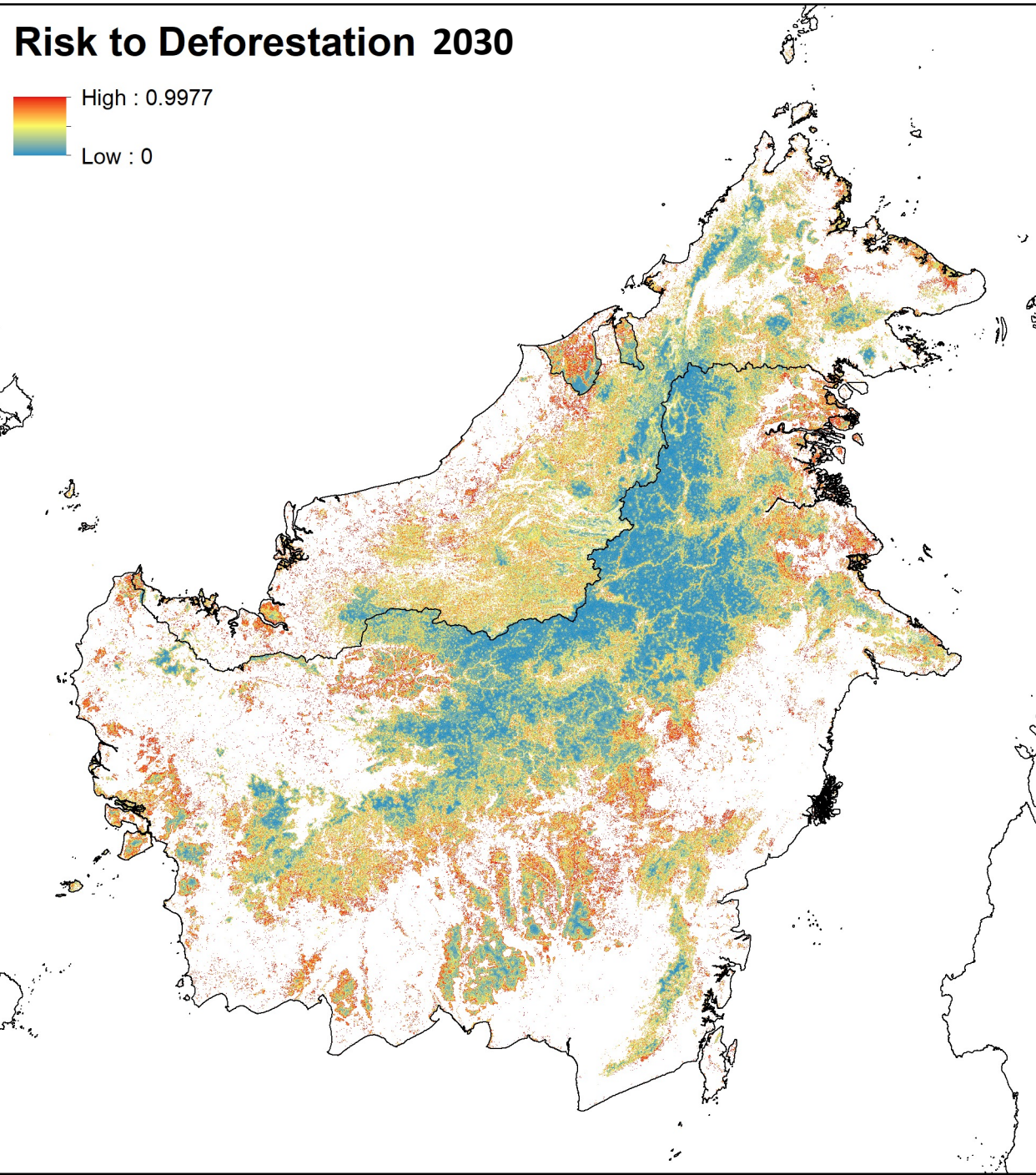
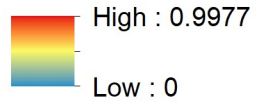
Risk to Deforestation 2020



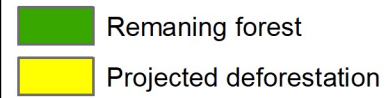
Deforestation 2000-2020



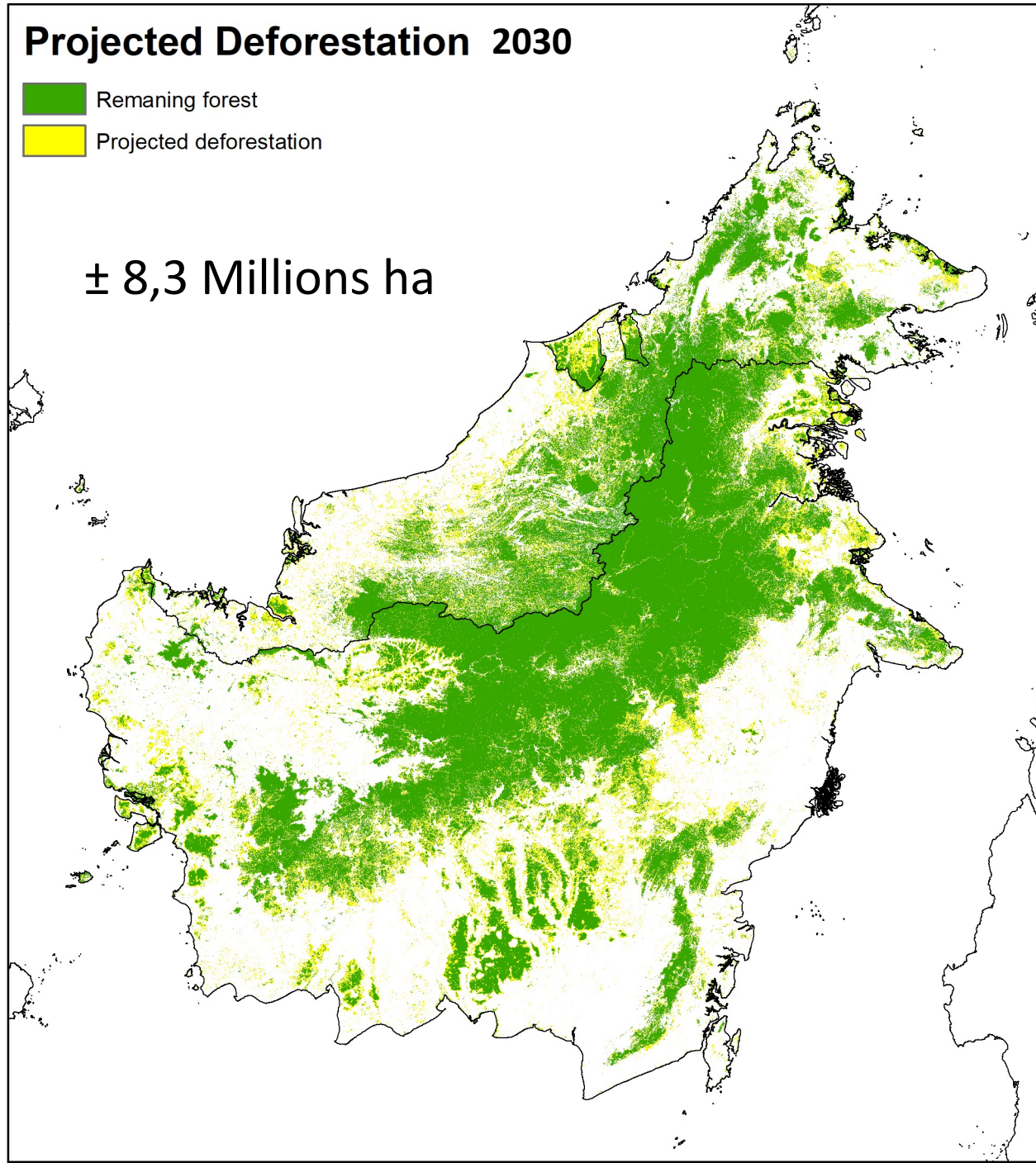
Risk to Deforestation 2030



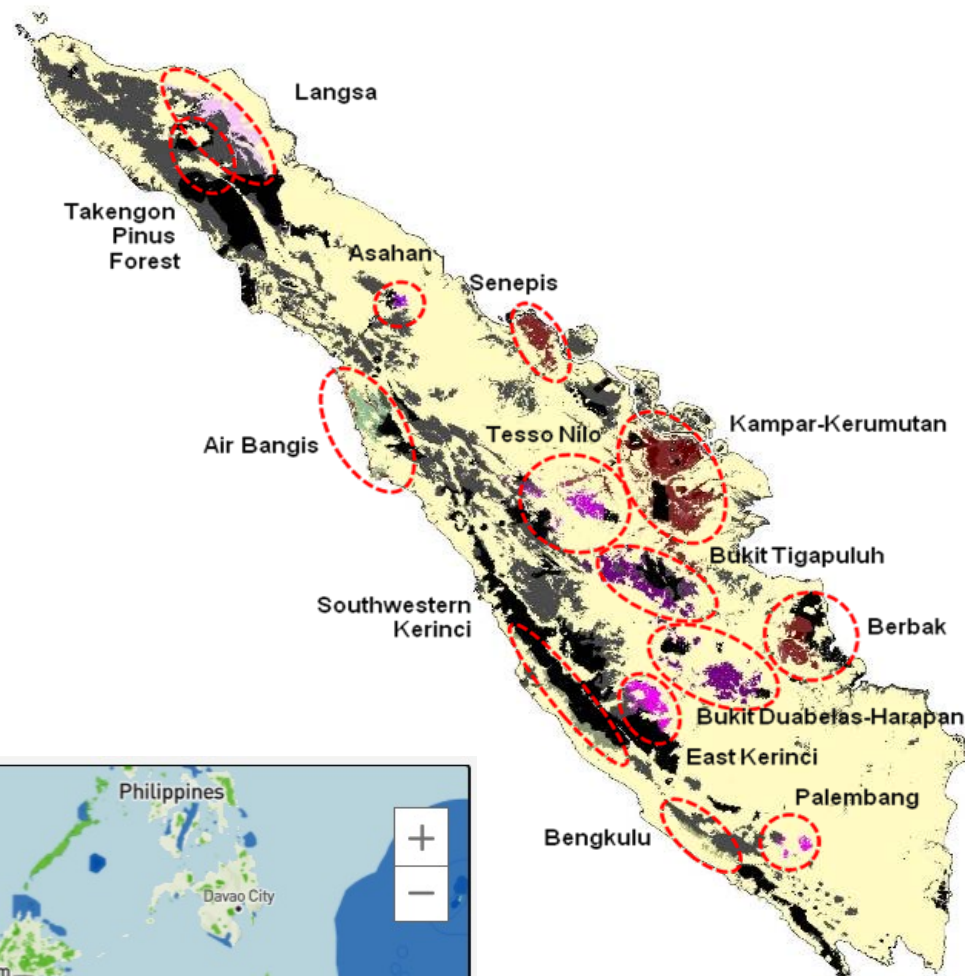
Projected Deforestation 2030



± 8,3 Millions ha

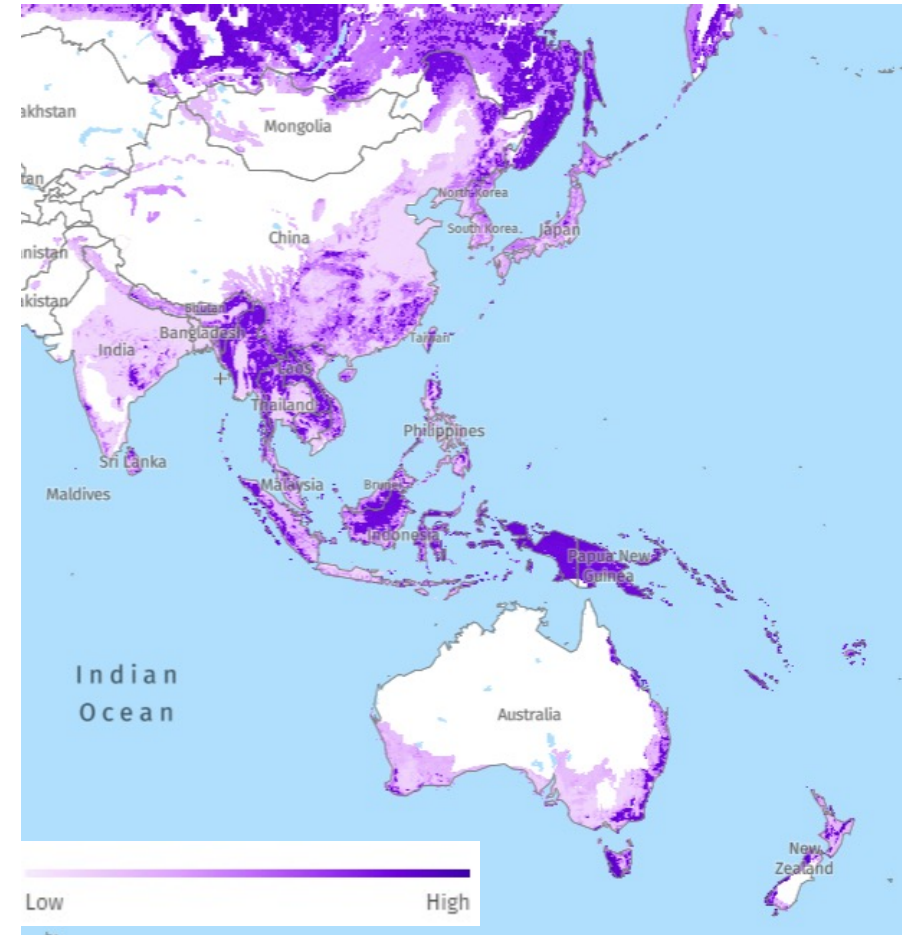


Forest types



Global Biodiversity Intactness

UNEP-WCMC and Natural History Museum, 2016



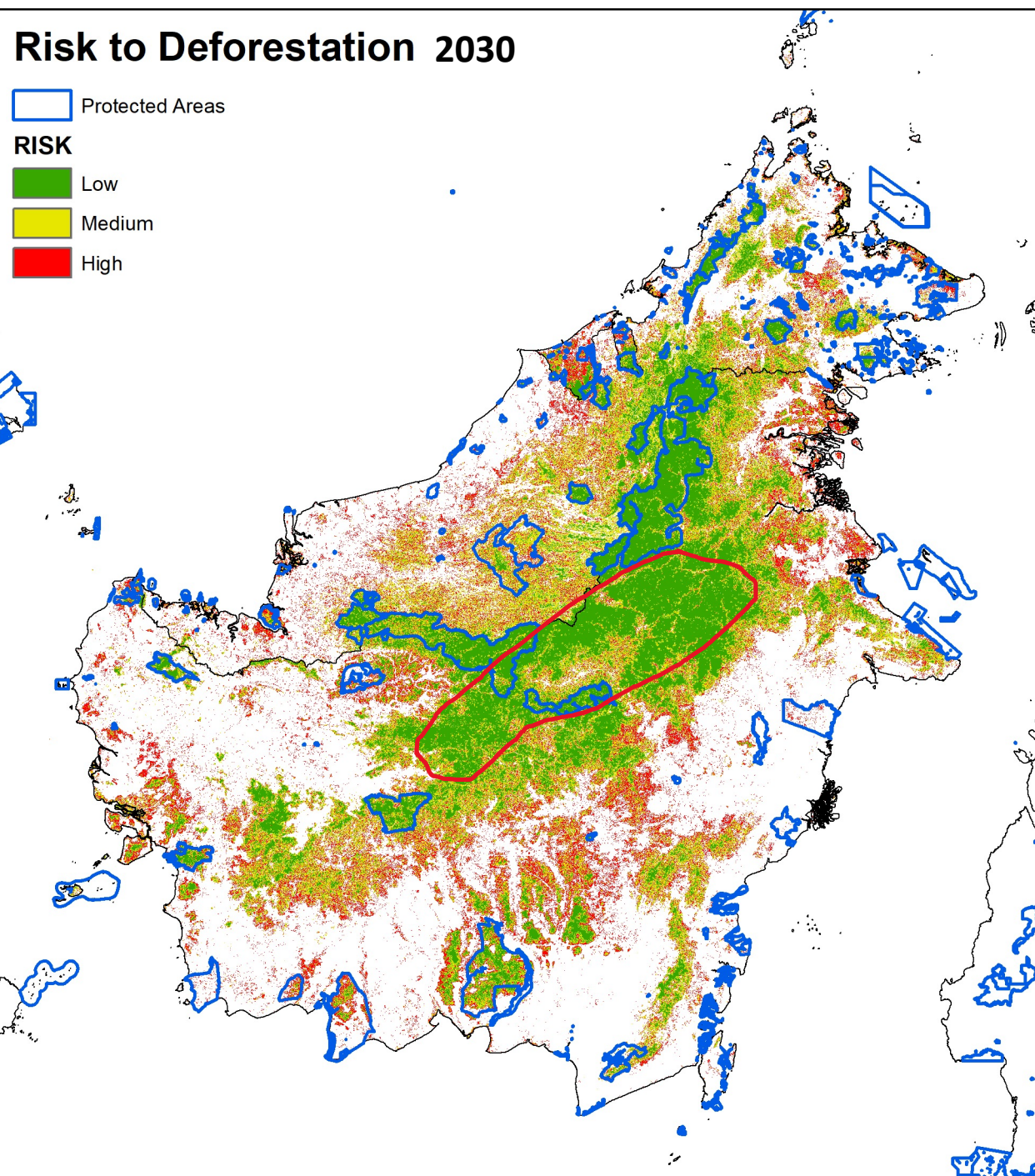
World database on Protected Area (WDPA)

Risk to Deforestation 2030

Protected Areas

RISK

- Low
- Medium
- High

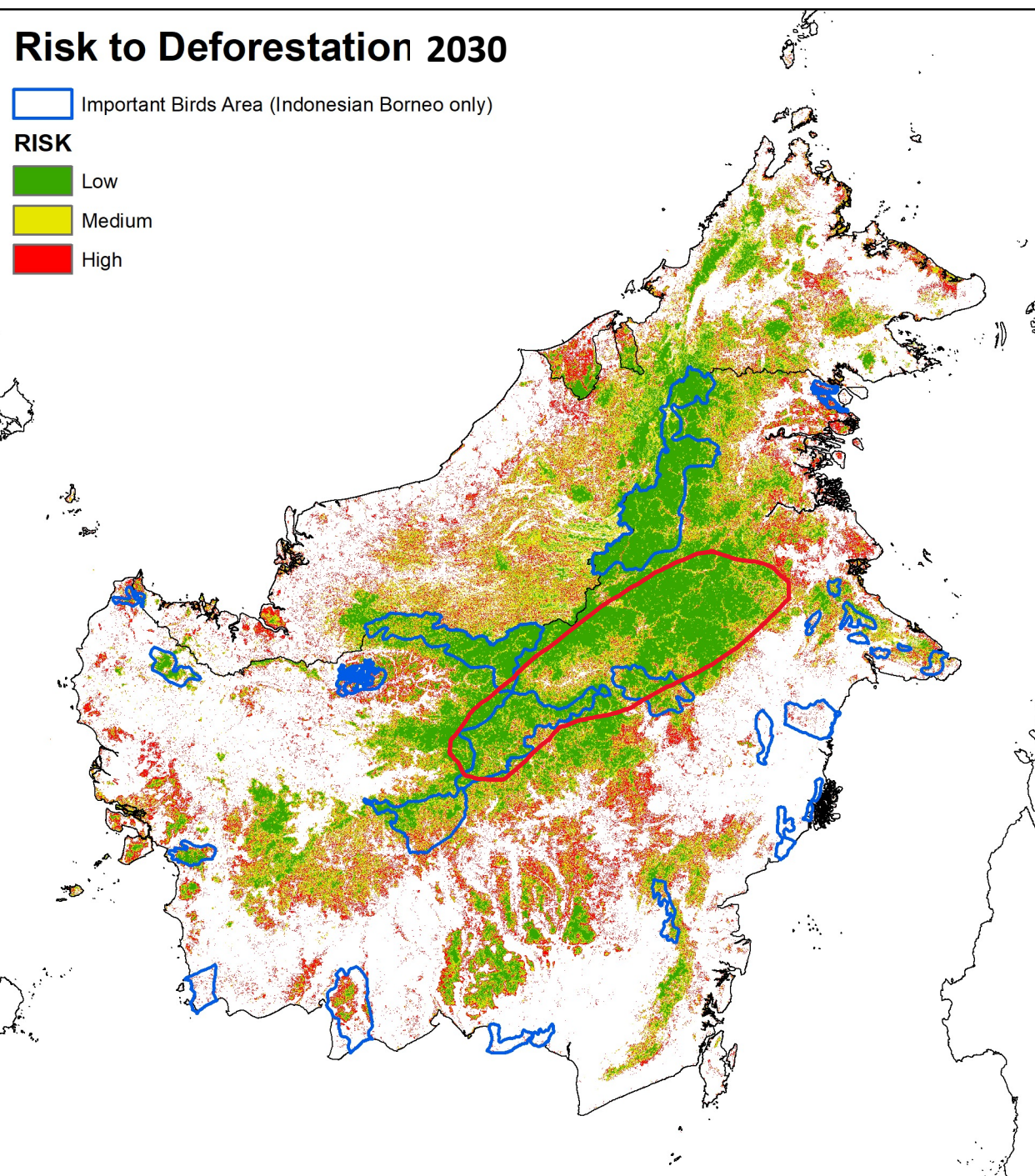


Risk to Deforestation 2030

Important Birds Area (Indonesian Borneo only)

RISK

- Low
- Medium
- High





THANK YOU



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