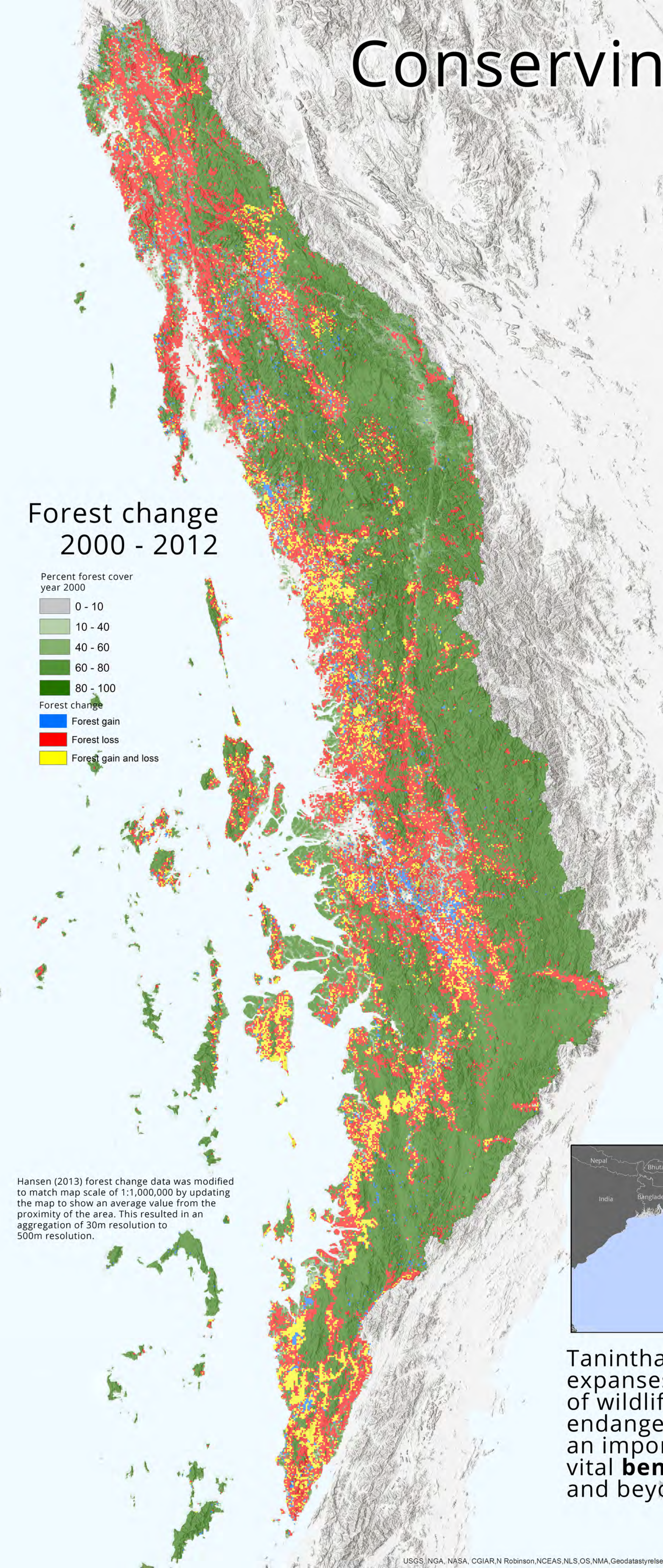


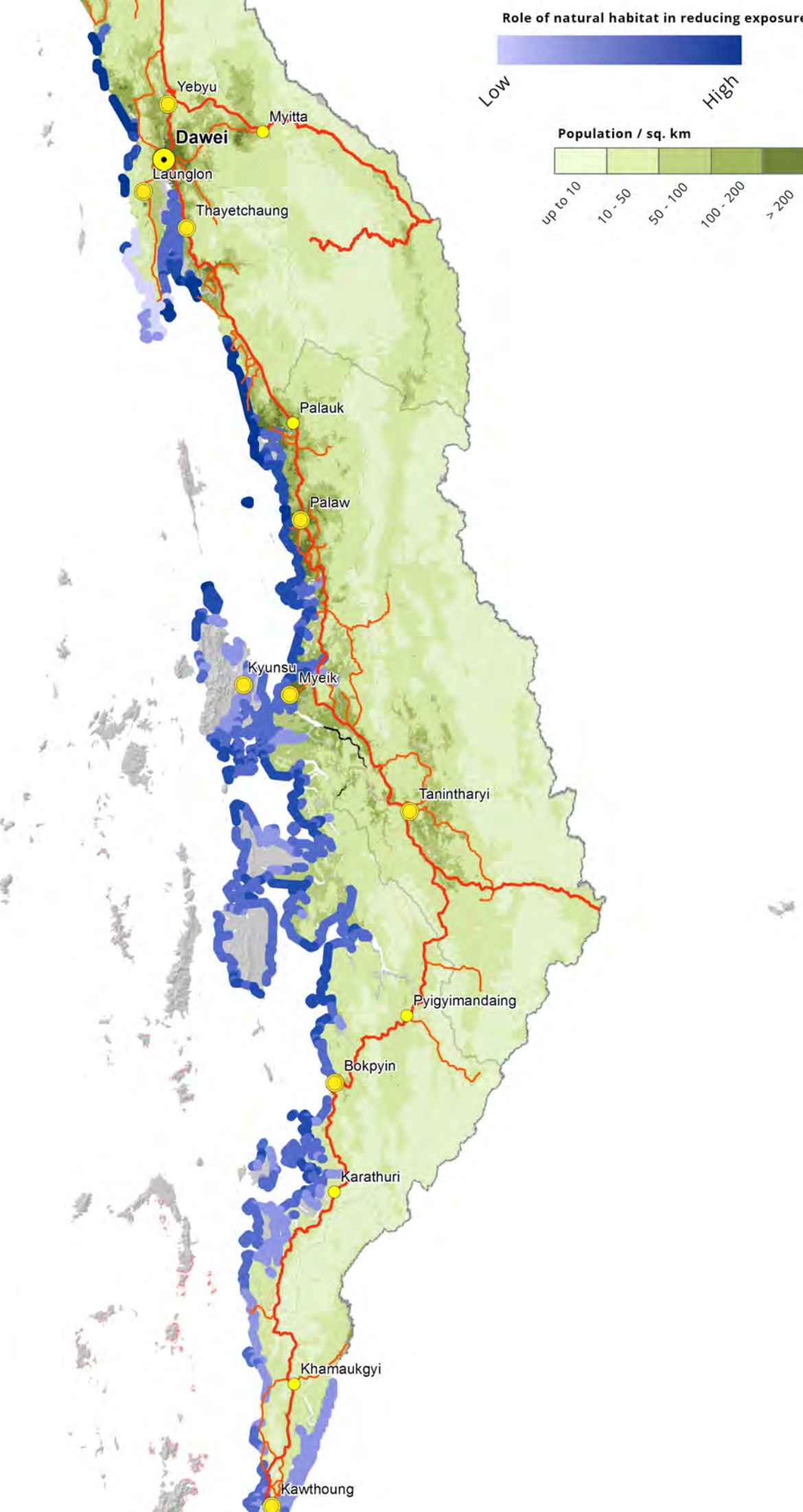
Conserving natural capital in Tanintharyi Region, Myanmar

for the benefit of people and wildlife



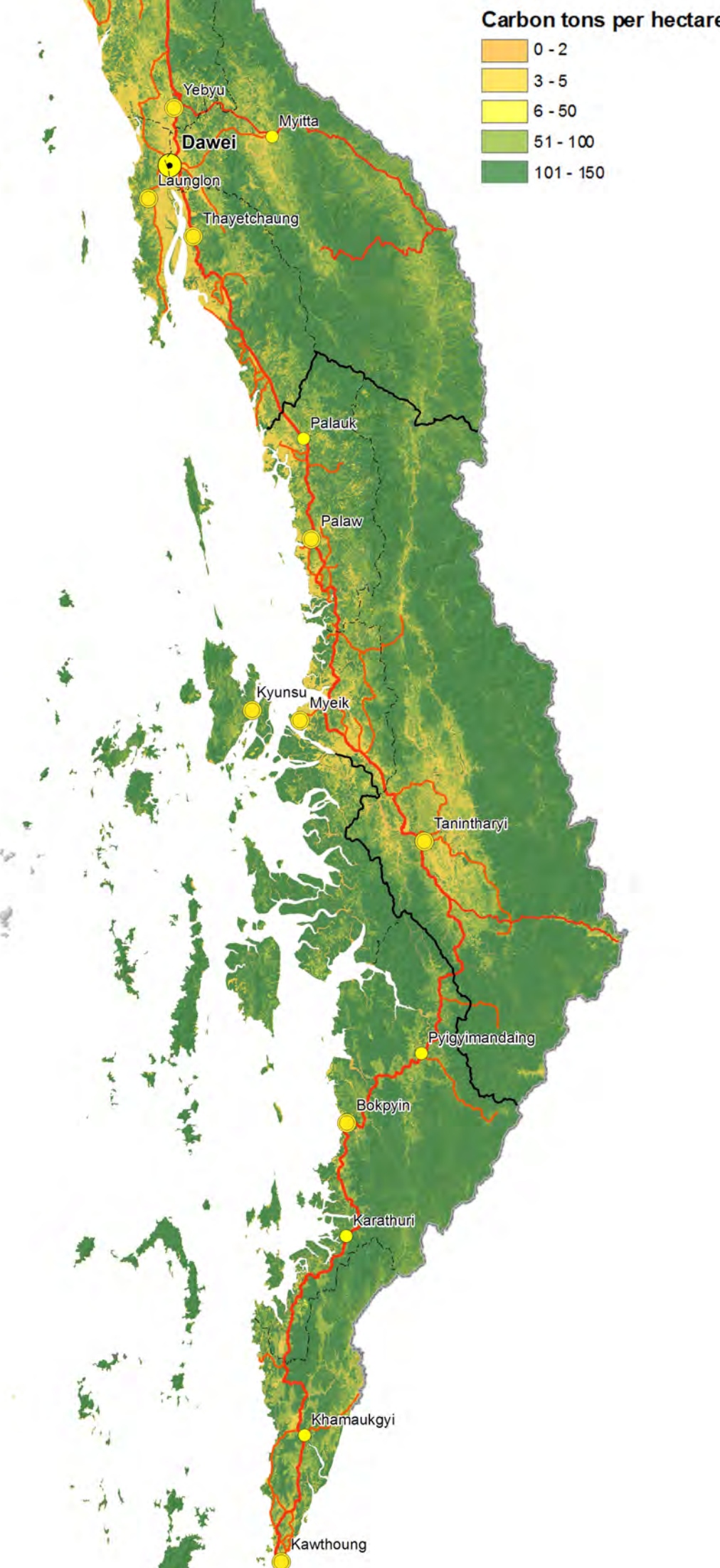
Tanintharyi has some of the largest remaining expanses of forest in Myanmar, with a rich array of wildlife including elephants, tigers and other endangered species. These forests are also an important source of **natural capital**, providing vital **benefits to the people** of Myanmar and beyond.

Reduction of coastal vulnerability



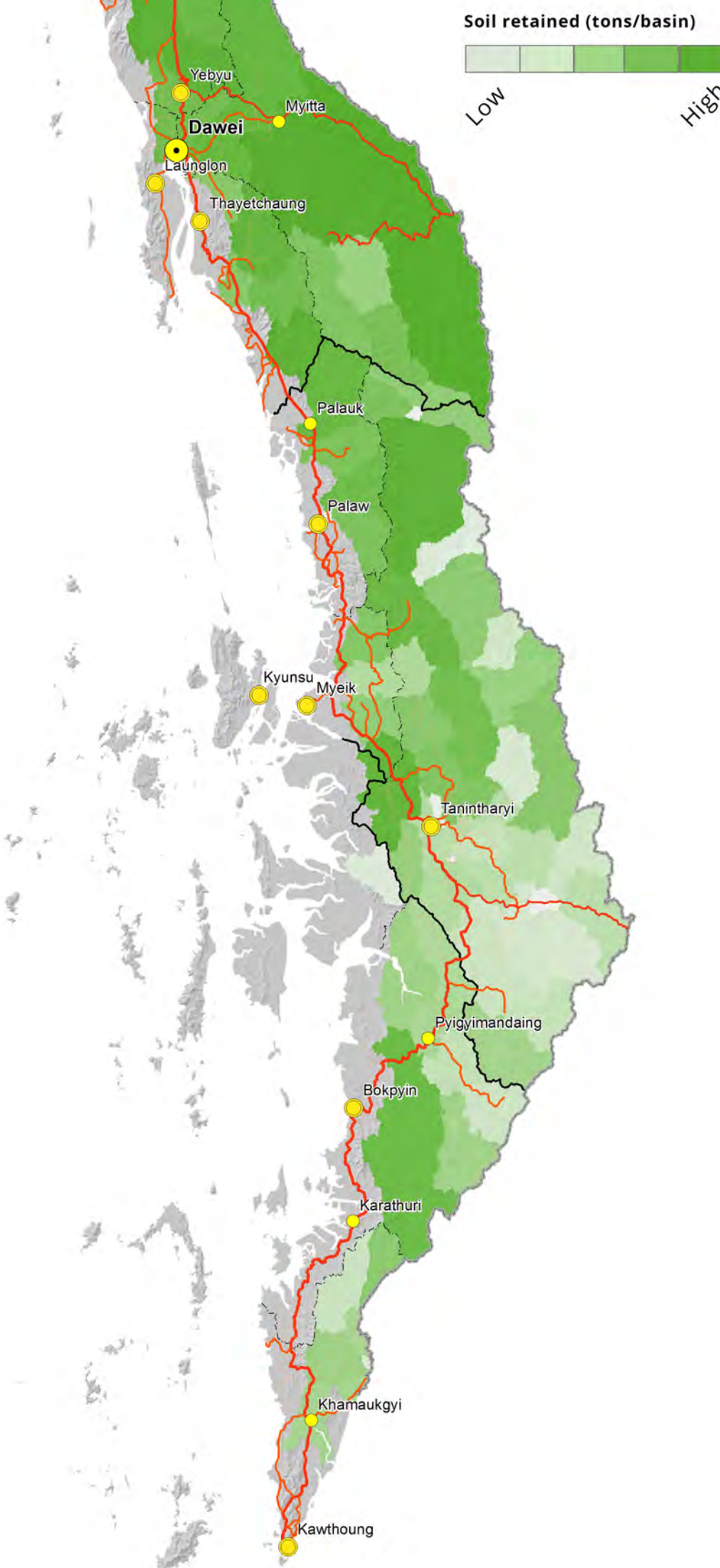
Natural features along the coastline, such as mangrove forests, reduce vulnerability of coastal populations to storm waves, particularly in the densely populated north.

Carbon Storage in vegetation biomass



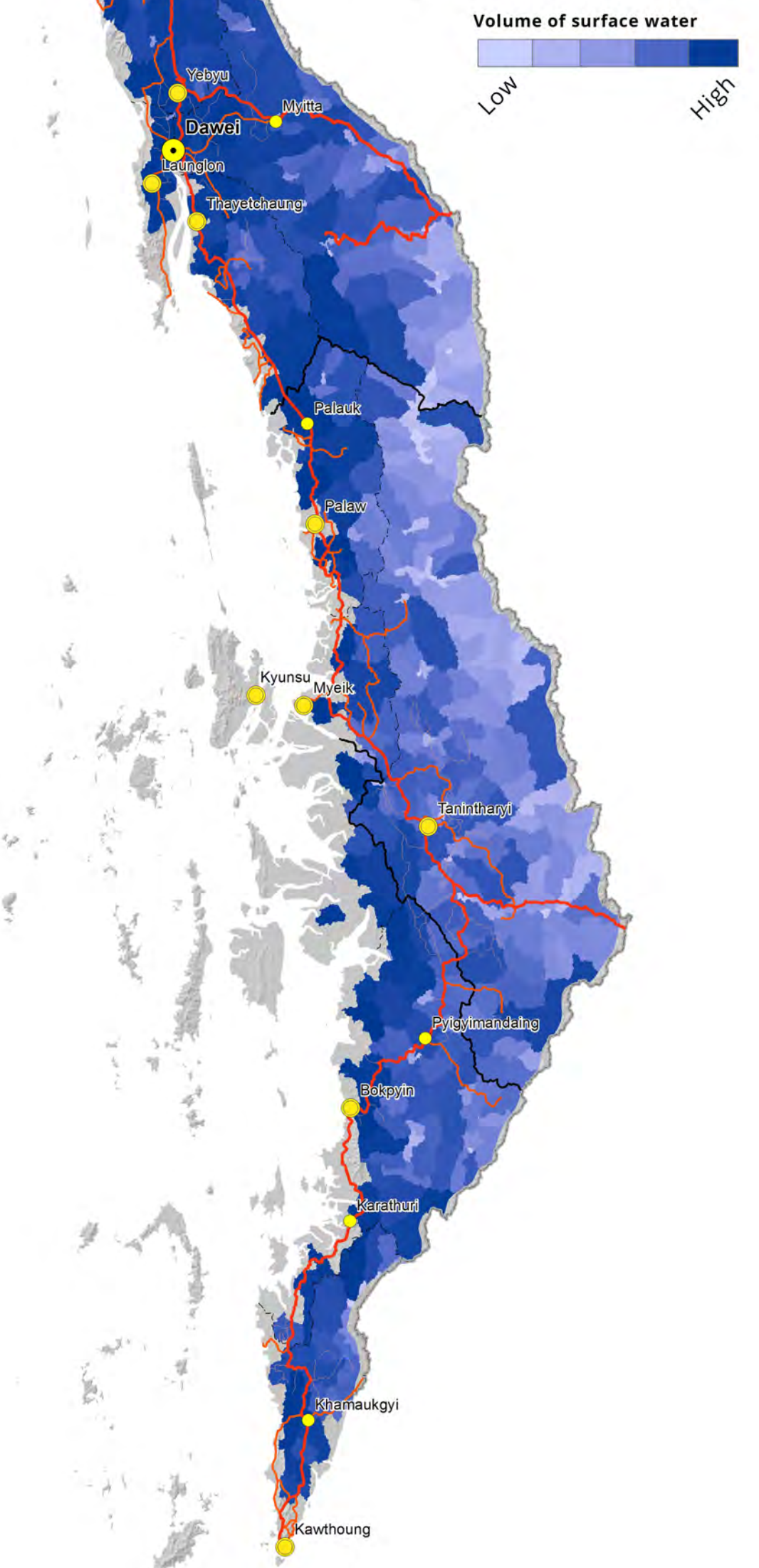
Forests along the eastern region store carbon that otherwise would contribute to climate change.

Soil retention per watershed



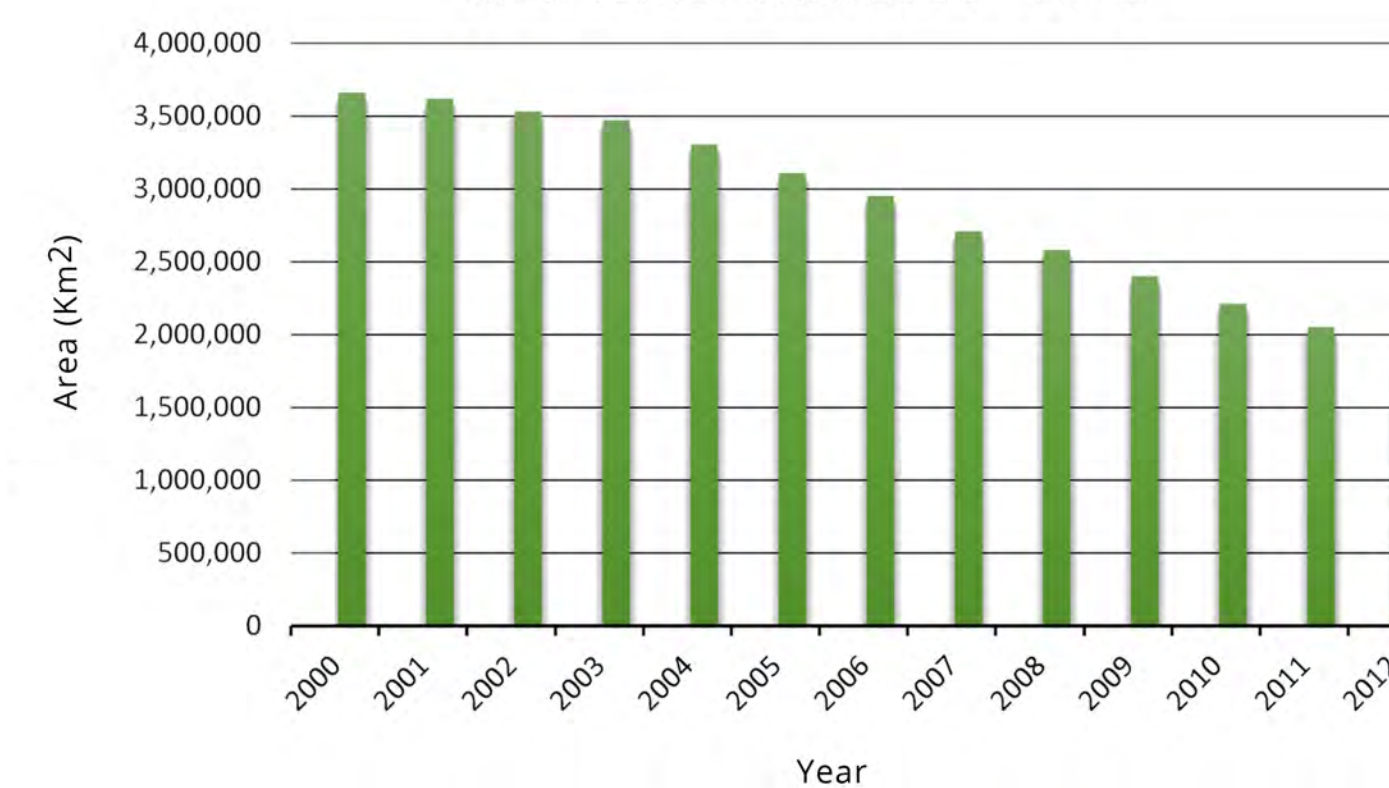
Forested mountainous areas also play an important role in reducing soil erosion into downstream areas.

Annual water yield per watershed



Areas with high water yield are particularly important for sustaining agriculture, drinking water supply, hydropower and other human needs.

Total forest area 2000 - 2012



Data
Forest cover, loss, and gain
Hansen, M. C., P. V. Potapov, R. Moore, M. Hancher, S. A. Turubanova, A. Tyukavina, D. Thau, S. V. Stehman, S. J. Goetz, T. R. Loveland, A. Kommareddy, A. Egorov, L. Chini, C. O. Justice, and J. R. G. Townshend. 2013. "High-Resolution Global Maps of 21st-Century Forest Cover Change." *Science* 342 (15 November): 850-53.

Management areas
These areas are indicative, and accurate to the best of our knowledge. Wildlife Conservation Society produced some of the protected area datasets. Nature Reserves were georeferenced the 1:250K topographic map set produced by the Survey Department of the Ministry of Agriculture and Irrigation, Union of Myanmar.

Cities, towns and villages
MIMU - The Myanmar Information Management Unit
The datasets are developed by WFP, UNODC, UNEP, UN OCHA and MIMU, in intermediate-scale at 1:250,000 (approximately in Quarter Inch scale) in Geographic Coordinate System using WGS 1984 Datum and from other relevant datasets for Myanmar acquired from Digital Chart of the World (DCW), GeoNetwork, etc. <http://www.themimu.info/gis-resources>

Population
Worldpop - worldpop.org.uk
InVEST (Integrated Valuation of environmental services and tradeoffs) Natural Capital Project 2014
<http://www.naturalcapitalproject.org/>

