

Title: Soil and terrain characteristics of Indonesia.

J.G. Conijn, H. Hengsdijk & B. Rutgers (2017).

Series: Mapping land suitability in Indonesia, no. 8.

Source: HWSD v. 1.21 (HWSD: Harmonized World Soil Database).

Url: <http://webarchive.iiasa.ac.at/Research/LUC/External-World-soil-database/HTML/>

Reference soil data: FAO/IIASA/ISRIC/ISSCAS/JRC, 2012. *Harmonized World Soil Database (version 1.2)*. FAO, Rome, Italy and IIASA, Laxenburg, Austria.

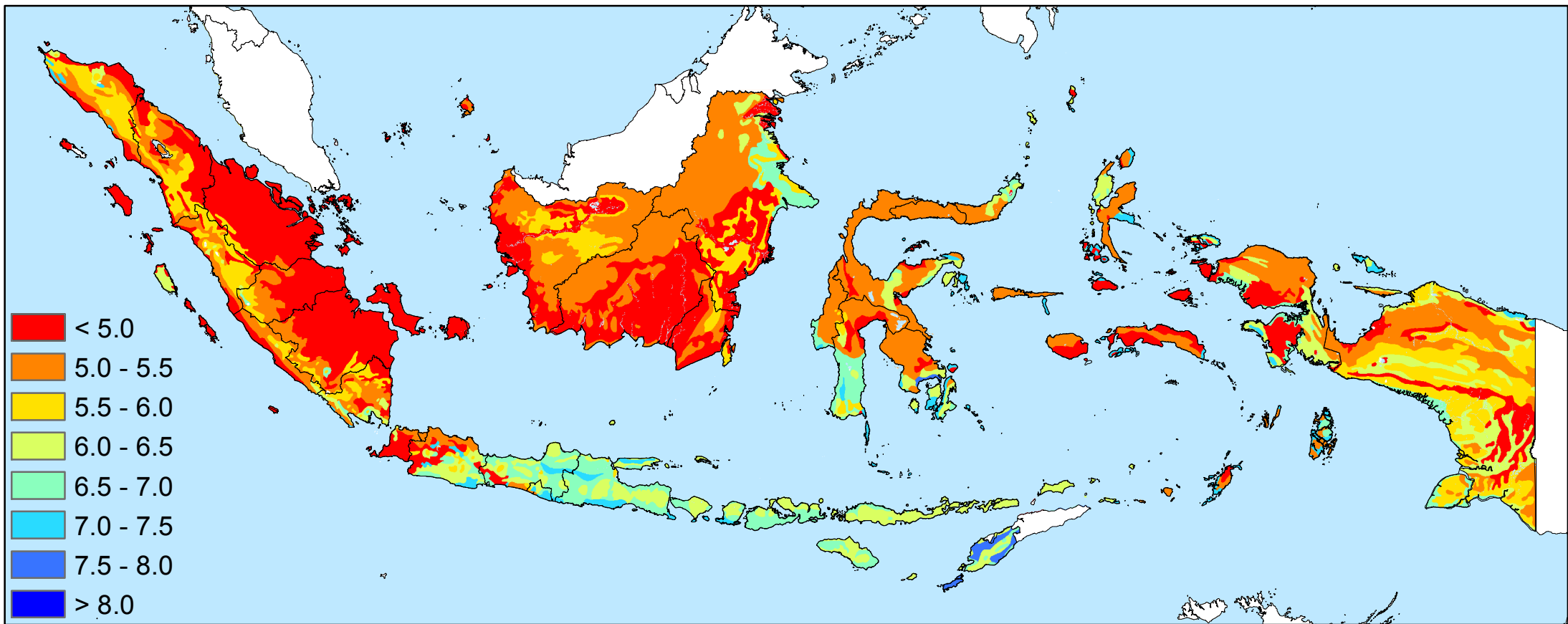
Reference terrain data: Fischer, G., F. Nachtergaele, S. Prieler, H.T. van Velthuisen, L. Verelst, D. Wiberg, 2008. *Global Agro-ecological Zones Assessment for Agriculture (GAEZ 2008)*. IIASA, Laxenburg, Austria and FAO, Rome, Italy.

Variables: area-weighted average of a soil or terrain characteristic per pixel. Soil organic matter is calculated from soil organic carbon assuming 0.58 g SOC/g SOM.

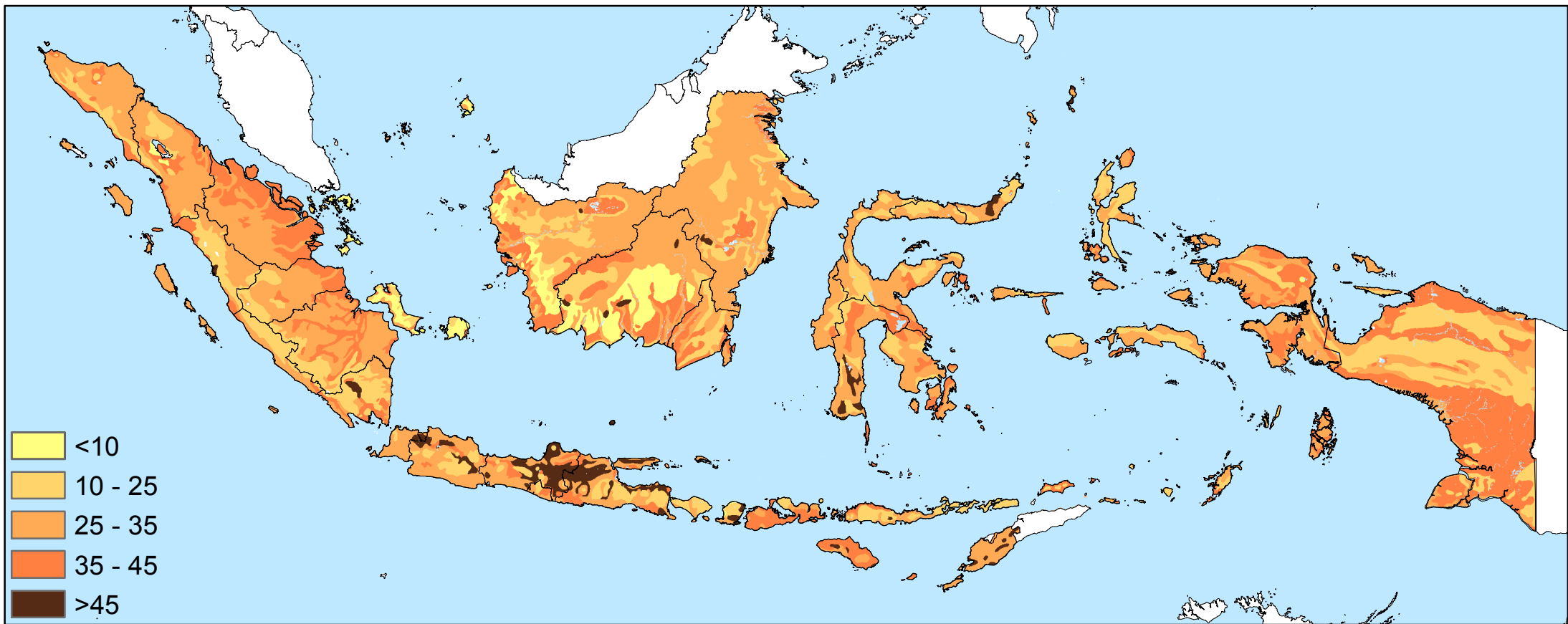
Resolution: gridded map with a resolution of 0.5' (pixel size in Indonesia: circa 85 ha).

Maps included:

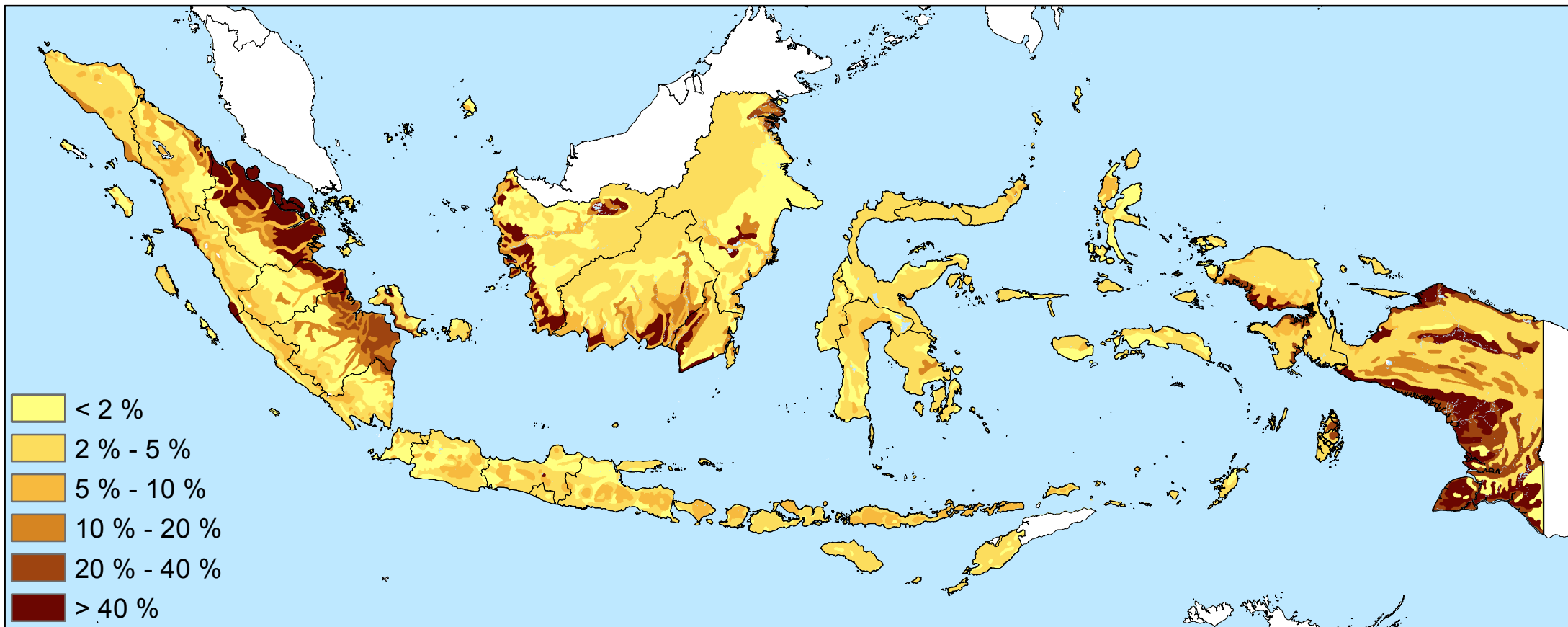
1. [pH<sub>H<sub>2</sub>O</sub> \(-log\(H<sup>+</sup>\)\) in the top soil \(0-30 cm\)](#)
2. [Clay fraction \(% wt.\) in the top soil \(0-30 cm\)](#)
3. [Soil organic matter fraction \(% wt.\) in the top soil \(0-30 cm\)](#)
4. [Elevation \(m\)](#)
5. [Slope \(%\)](#)



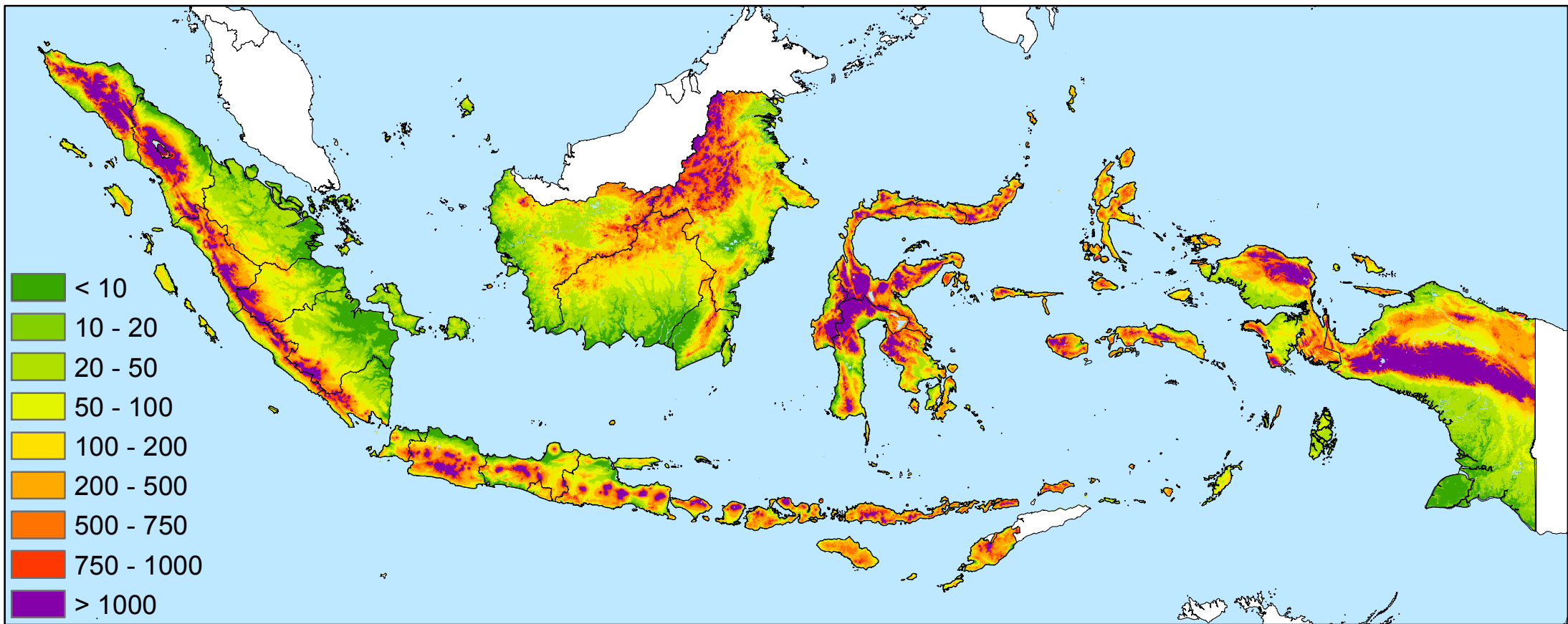
pH-H<sub>2</sub>O in the top soil



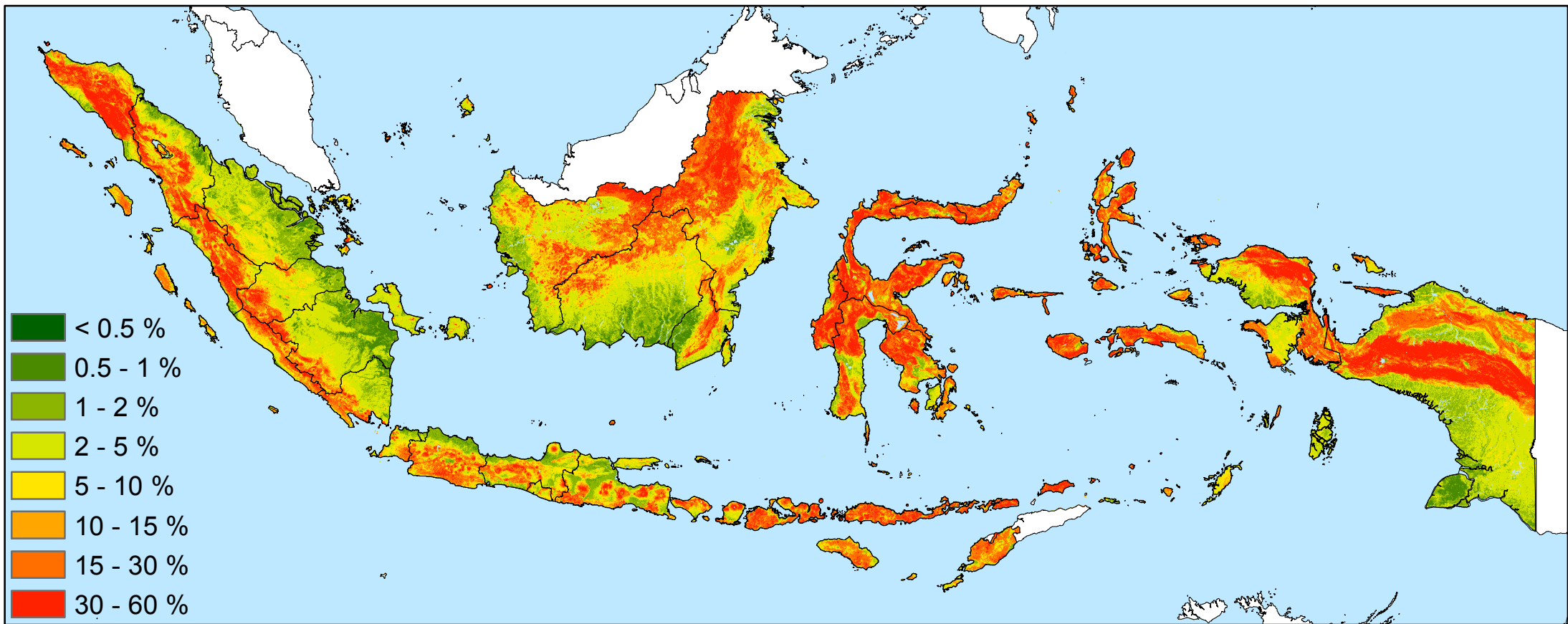
Clay fraction (% wt.) in the top soil



Soil organic matter fraction (% wt.) in the top soil



Elevation (m)



Slope (%)