**Supplementary\_Table 1** Spatial layers and processing techniques applied to identify distribution of heath forests in Kalimantan.

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| **Spatial layer** | **Processing** |
| 1. | **Land formations** Regional Physical Planning Project for Transmigration (RePPProT), Indonesia (2010). | Extracted “Coastal Plains” attribute. The layer represents sandy soils (beaches) from the Pleistocene. |
| 2. | **Forest types based on remote sensing and soils** Map developed by Langner et al., (2015). | Digitised and extracted “Heath Forest” and “Forest on Ultrabasic soil” attributes |
| 3. | **Forest cover**Ministry of Environment and Forestry (MoEF), Republic of Indonesia (2020) | Merged forest cover attributes |
| 4. | **World Database on Protected Areas (WDPA)** (UNEP-WCMC & IUCN, 2021) | Merged with Layer 5 to produce protected and unprotected forest cover layer. IUCN categories selected for overlap analysis: IUCN 1 and 2 as ‘Strict Protected Area’, and IUCN II-VI and National Protection as ‘Other Protected Areas’ |
| 5. | **Land Cover and Land Use** Ministry of Environment and Forestry (MoEF, 2010). | Merged with Layer 4 to produce protected and unprotected forest cover layer |