



Establishing carbon footprint baselines for Robusta coffee production in two key origins: Central Highlands, Vietnam and Southern Sumatra, Indonesia

WP1 - Carbon stock in soil

Vietnam

Overview

14 April 2023

| Soil               | Climate              | SOC ref | Area (ha)            | SOC mineral             |
|--------------------|----------------------|---------|----------------------|-------------------------|
| Low activity clay  | Tropical dry         | 35      | 135.602,12           | 4.746.074,20            |
| High activity clay | Tropical dry         | 38      | 60.521,20            | 2.299.805,60            |
| High activity clay | Tropical wet         | 44      | 815.529,66           | 35.883.305,04           |
| Low activity clay  | Tropical Moist       | 47      | 14.216.742,32        | 668.186.889,04          |
| Low activity clay  | Tropical wet         | 60      | 5.972.656,11         | 358.359.366,60          |
| Low activity clay  | Tropical Motane      | 63      | 2.110.049,82         | 132.933.138,66          |
| Low activity clay  | Warm temperate moist | 63      | 641.773,32           | 40.431.719,16           |
| High activity clay | Tropical Moist       | 65      | 3.849.293,47         | 250.204.075,55          |
| Wetland soil       | Tropical dry         | 86      | 27.108,74            | 2.331.351,64            |
| Wetland soil       | Tropical Moist       | 86      | 3.155.891,31         | 271.406.652,66          |
| Wetland soil       | Tropical Motane      | 86      | 2.011,65             | 173.001,90              |
| Wetland soil       | Tropical wet         | 86      | 709.975,80           | 61.057.918,80           |
| High activity clay | Tropical Motane      | 88      | 89.884,60            | 7.909.844,80            |
| High activity clay | Warm temperate moist | 88      | 170.520,36           | 15.005.791,68           |
| Wetland soil       | Warm temperate moist | 88      | 2.011,66             | 177.026,08              |
| <b>Total</b>       |                      |         | <b>31.959.572,14</b> | <b>1.851.105.961,41</b> |