Metadata 3A

Obligatory fields are indicated with an asterisk

|  |  |
| --- | --- |
| **Code** | 3A |
| **Title \*** | 3A Carbon stocks Wet and Dry |
| **Acronym** | CSWD |
| **Path** | Data archive\MS3 |
| **Description \*** | It is the dataset of soil organic carbon stocks of the total soil profile and assessed to the depths from 10 to 60 cm. Soil samples were collected from 12 sampling plots based the combination of two contrasting bedrocks (limestone vs. acid rock) and two precipitation levels (wet vs. dry), having 3 replicates for each combination. |
| **Creator \*** | Songyu Yang |
| **Publisher** |  |
| **Contributor** | Erik Cammeraat and Boris Jansen |
| **Type** | Tabular data |
| **Format \*** | csv and sav |
| **OS** |  |
| **Software** | Excel and SPSS |
| **Identifier** |  |
| **Source** |  |
| **Rights \*** | IBED, University of Amsterdam |
| **Language** | English |
| **SpatialCoverage** | Wet site (Caj): Coordinate: 7° 11’ S, 78° 35’ W, altitudes: 3500 – 3720 m; Dry site (Hua): Coordinate: 9° 22’ S, 77° 59’ W, altitudes: 3490 – 3700 m |
| **ProjectionSystem \*** | *Not available* |
| **TemporalCoverage \*** | Period 1 (Caj): 2015-07-02 to 2015-07-03, period 2 (Hua): 2016-07-02 to 2016-07-12 |
| **Keywords \*** | Soil organic carbon stocks, precipitation, lithology |
| **SizeMB \*** | 3KB for the csv file and 4KB for the sav file |

Column description

If the dataset is tabular, it is obligatory to describe the content of each column.

|  |  |  |  |
| --- | --- | --- | --- |
| **Column name** | **unit** | **Data type +** | **description** |
| Place | no unit | Nominal | Place where the sample were taken (Caj [wet site] vs. Hua [dry site]) |
| Lithology | no unit | Nominal | Lihtology (LS: limestone soil, GS: acid rock soil) |
| Group | no unit | Nominal | Each combination of Place and lithology |
| GroupNo | no unit | Nominal | Numbered group: 1 = Hua-LS, 2 = Hua-GS, 3 = Caj-LS, 4 = Caj-GS |
| Cstock10 | Mg ha-1 | Scale | SOC stock assessed to the depth of 10 cm |
| Cstock20 | Mg ha-1 | Scale | SOC stock assessed to the depth of 20 cm |
| Cstock30 | Mg ha-1 | Scale | SOC stock assessed to the depth of 30 cm |
| Cstock40 | Mg ha-1 | Scale | SOC stock assessed to the depth of 40 cm |
| Cstock50 | Mg ha-1 | Scale | SOC stock assessed to the depth of 50 cm |
| Cstock60 | Mg ha-1 | Scale | SOC stock assessed to the depth of 60 cm |
| Cstock | Mg ha-1 | Scale | Total SOC stock |
| Nstock10 | Mg ha-1 | Scale | N stock assessed to the depth of 10 cm |
| Nstock20 | Mg ha-1 | Scale | N stock assessed to the depth of 20 cm |
| Nstock30 | Mg ha-1 | Scale | N stock assessed to the depth of 30 cm |
| Nstock40 | Mg ha-1 | Scale | N stock assessed to the depth of 40 cm |
| Nstock50 | Mg ha-1 | Scale | N stock assessed to the depth of 50 cm |
| Nstock60 | Mg ha-1 | Scale | N stock assessed to the depth of 60 cm |
| Nstock | Mg ha-1 | Scale | Total N stock |
| Place\_No | no unit | Nominal | Numbered place: 1 = Hua, 2 = Caj |
| Lithology\_No | no unit | Nominal | Numbered lithlogy: 1 = LS, 2 = AS |

+ data type: integer, double precision, timestamp without time zone, geometry, etc...