

Dataset and data availability

Name of the Dataset: Woody cover map of Sahel

Contact: Martin Brandt, martin.brandt@mailbox.org

Type of the dataset: Raster map in TIFF format.

Input data: GEOV1 Copernicus SPOT VGT FAPAR 10 day data from 1999 to 2013.

Coverage and information content: Mean woody cover in % of Sahel belt for 1999-2013 period. This includes the canopy cover of all woody phanerophytes, including trees, shrubs and bushes of all sizes.

Coordinate system: Geographic, WGS 84 epsg 4326. The pixel size is 1 km.

Release year: 2015

Data Access: The data product can be downloaded free of charge from NASA Earth Exchange (NEX), or contact martin.brandt@mailbox.org, or use this link:

https://www.dropbox.com/sh/tbpmvfb0zmqtqvz/AAD9aTb6ADeE8o_m5FxbCZEra?dl=0

Licenses Creative Common Attribution (CC-BY) 3.0: Users of this Product agree to cite this manuscript: Brandt, M., Hiernaux, P., Tagesson, T., Verger, A., Rasmussen, K., Diouf, A.A., Mbow, C., Mougin, E., Fensholt, R. Woody plant cover estimation in drylands from Earth Observation based seasonal metrics. *Remote Sensing of Environment*.

Fundings:

BICSA project Marie Sklodowska-Curie grant agreement No [656564],
Copernicus Global land and GIOBIO (32-566) project,
Danish Council for Independent Research (DFR) Sapere Aude programme,
AGRICAB project (Contract No. 282621)