

Product and service description

Biomass burning emissions of carbon & various trace species based on observed Burnt Area (BA) for 2010 (GFED3.1). Dry matter combustion rate, species emission, burnt area monthly averages derived from various observational data, mostly MODIS aboard Terra and Aqua (LEO).

Temporal coverage: 1997-2010.

Global coverage.

0.5 deg x 0.5 deg resolution.

Data retrievable via web download from MARS.

Service providers:

VUA

<http://www.falw.vu/~gwerf/GFED/index.html>

ECMWF

http://gmes-atmosphere.eu/about/project_structure/input_data/d_fire/

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Product generation and validation

See van der Werf et al., 2010.

Quality control

See van der Werf et al., 2010.

Reference

van der Werf et al., Global fire emissions and the contribution of deforestation, savanna, forest, agricultural, and peat fires (1997–2009), ACPD Vol. 10, 2010.