List of .csv files available in the folder *ecoregions\_data*

* ***Ecoregions\_description.csv***

Data on ecoregions from supplementary information of Chaudhary et al. (2015), sheet *Ecoregion description and VS*. The column VS\_plants was obtained as described in the folder on vulnerability scores (/input\_data/VS)

* ***Ecoregions\_in-Globiom.csv***

List of ecoregions which resulted from the intersection of the ecoregions used in Chaudhary et al. (2015) and the ecoregions modelled in GLOBIOM.

* ***CF\_local.csv***

List of local characterization factors from supplementary information of Chaudhary (2015), sheet *CF\_local*.

Unlike the original paper, for this study no biome has been assigned to the land use class Urban. Already in Chaudhary et al. (2015), information on biome for artificial lands is not available for 164 out of 190 data points, and the remaining data points cover only Plants and few biomes. Therefore, to avoid inconsistency, all the data have been grouped under the same category at biome level.

Only data on Plants, Mammals and Birds have been selected, because for these taxa there are enough data points to model CF for forest use intensities (see next point on the list). Also, only the following land use types has been considered, as for forest management data comes from Chaudhary et al. (2016), as explained in the next point: Annual crops, Permanent crops, Pastures, Urban.

* ***CF\_local\_forest-use.csv***

List of local characterization factors from supplementary information of Chaudhary et al. (2016), sheet *Raw data.* CF have been calculated as 1 minus the ratio between mean species richness in disturbed (managed) forest sites and mean species richness in reference (unmanaged) forest sites.

Only data on Plants, Mammals and Birds have been selected, the reason in described in the previous paragraph.

* ***CF\_local\_complete.csv***

Same as CF\_local.csv but including data for all the species group and all the land use types, as in Chaudhary et al. (2015).

* **z\_input\_values**

Z values resulting from the aggregation of the original data of Drakare et al. (2006) available in the folder z\_analysis.

Chaudhary, A., Verones, F., de Baan, L., & Hellweg, S. (2015) Quantifying land use impacts on biodiversity: combining species−area models and vulnerability indicators. *Environmental Science & Technology, 16*, 9987−9995.<https://doi.org/10.1021/acs.est.5b02507>.

Chaudhary, A., Burivalova, Z., Koh, L. P., & Hellweg, S. (2016). Impact of Forest Management on Species Richness: Global Meta-Analysis and Economic Trade-Offs. *Nature Scientific Reports, 6*, 23954.<https://doi.org/10.1038/srep23954>.

Drakare, S.; Lennon, J. J.; Hillebrand, H. (2006). The Imprint of the Geographical, Evolutionary and Ecological Context on Species-Area Relationships. *Ecol. Lett.* *9* (2), 215–227. https://doi.org/10.1111/j.1461-0248.2005.00848.x