**Nitrogen (NOy and NHx) and Sulfur (SOx) Deposition Data for CTFS-ForestGEO sites**

**Source**: Anderson-Teixeira *et al.* (2015)

**Last updated**: July 22, 2017

**Data set description:**

Data on deposition of nitrogen (NOy and NHx) and sulfur (SOx) were obtained from the data set of N in Dentener *et al.* (2006) (F. Dentener, personal communication). These data are estimates for the year 2000 and have one-degree resolution.

**Data file:**

CTFS-ForestGEO\_Deposition\_year2000.csv

**Data file contents:**

|  |  |  |
| --- | --- | --- |
| Column | Description | Units |
| Id | Site ID number in Anderson-Teixeira et al. (2014) | - |
| Site | Site name | - |
| NHX | Total deposition of NHx for the mean model (year 2000) | mg(N) m-2 yr-1 |
| NHX\_std | Standard deviation for NHx deposition estimate | mg(N) m-2 yr-1 |
| NOY | Total deposition of NOy for the mean model (year 2000) | mg(N) m-2 yr-1 |
| NOY\_std | Standard deviation for NOy deposition estimate | mg(N) m-2 yr-1 |
| SOX | Total deposition of SOx for the mean model (year 2000) | mg(S) m-2 yr-1 |
| SOX\_std | Standard deviation for SOx deposition estimate | mg(S) m-2 yr-1 |

**How to cite**:

Publications using these data should cite Anderson-Teixeira et al. (2015) and Dentener *et al.* (2006).

**Citations:**

Anderson-Teixeira KJ, Davies SJ, Bennett, AC., Gonzalez-Akre EB, Muller-Landau HC, Wright SJ, et al. (2015) CTFS-ForestGEO: A worldwide network monitoring forests in an era of global change. *Global Change Biology* , 21 (2), 528-549. DOI: 10.1111/gcb.12712

Dentener F, Drevet J, Lamarque JF et al. (2006) Nitrogen and sulfur deposition on regional and global scales: A multimodel evaluation. *Global Biogeochemical Cycles*, **20**, GB4003.