**README**

**Organization of the data compilation**

**Reference**: S. Albani, N. M. Mahowald, G. Winckler, R. F. Anderson, L. I. Bradtmiller, B. Delmonte, R. Francois, M. Goman, N. G. Heavens, P. P. Hesse, K. E. Kohfeld, H. Lu, V. Maggi, J. A. Mason, P. A. Mayewski, D. M. McGee, X. Miao, B. L. Otto-Bliesner, A. T. Perry, A. Pourmand, H. M. Roberts, N. Rosenbloom, T. Stevens, J. Sun: Twelve thousand years of dust: the Holocene global dust cycle constrained by natural archives, Clim. Past. Disc., 2014.

The database contained in this zip archives is composed by the present descriptive document (README.docx), and four folders: MAR, MAR\_description, SIZE, SIZE\_description.

**MAR:** contains the dust mass accumulation rate time series (43 text files).

**MAR\_description**: contains the descriptive sheets, showing the record profile and metadata (43 PDF documents).

**SIZE**: contains the size distribution and size classes tables (text files).

**SIZE\_DESCRIPTION**: contains the descriptive sheets showing the re-binning of size distributions (PDF documents).