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## Improved representation of the global dust cycle using observational constraints on dust properties and abundance

**URL:** <https://acp.copernicus.org/articles/21/8127/2021/>

**UPCommons Handle URL** <http://hdl.handle.net/2117/350397>

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**Publication:** Atmospheric Chemistry and Physics

**Volume / Pagination:** 21 / 8127 - 8167

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**Source URL (retrieved on 1 mai 2025 - 02:53):** <https://www.bsc.es/ca/research-and-development/publications/improved-representation-the-global-dust-cycle-using>