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Browser of articles

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Similarly to the other entities, a scientific publication has a profile that summarizes the article details:


Title

Deposition versus photochemical removal of PBDEs from Lake Superior air.

Abstract

Analysis of a sediment core collected from Siskiwit Lake, located on a remote island in Lake Superior, provides evidence that polybrominated diphenyl ethers (PBDEs) are removed effectively from the atmosphere via deposition processes during long-range transport. A mass balance model based on photochemical rate constants and data from atmospheric samples was created to understand the relative importance of various photochemical and deposition processes in removing PBDEs from the atmosphere. Photolysis rate constants were derived from UV absorption spectra of 25 PBDEs recorded in isooctane over the range of 280-350 nm at 298 K. Photolysis decays measured for BDE-3 and -7 in the gas phase

Authors: [\[add\]](#) [Swap](#)  eg. *LastName, initial*.

 [\[x\]](#) Raff, JD

 [\[x\]](#) Hites, RA

 [\[x\]](#)

Journal/Book: [\[select\]](#)

Environmental science & technology

Environ. Sci. Technol., ISSN: 0013-936X, 91 entries

Publication date

1 Oct 2007

Volume

41

Issue

19

Page numbers

6725-31

PubMed ID: [17969687](#) [reload](#)

OCHEM ID: A30734

Affiliation

School of Public and Environmental Affairs, Indiana University, Bloomington

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