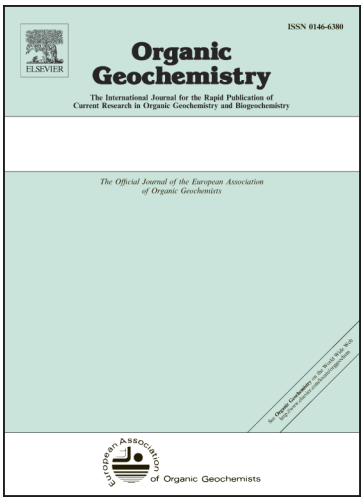

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Evidence for major input of riverine organic matter into the ocean

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[+] Deceased. [1]

[1] DOM: dissolved organic matter; NMR: nuclear magnetic resonance; 2D: two dimensional; CRAMs: carboxyl-rich alicyclic molecules; OC: organic carbon; DOC: dissolved organic carbon; FT-ICR MS: Fourier transform ion cyclotron resonance mass spectrometry; HMW DOM: high molecular weight dissolved organic matter; FT-IR: Fourier transform infrared; 1D: one dimensional; HPLC: high-performance liquid chromatography; HPOA: hydrophobic organic acid; FA: fulvic acid; $SUVA_{254}$: specific UV absorbance; DP/MAS: direct polarization magic angle spinning; DP/MAS/DD: DP/MAS with recoupled dipolar dephasing; TPPM: two pulse phase-modulated; CP/TOSS: cross polarization and total suppression of sidebands; CP/TOSS/DD: cross polarization and total suppression of sidebands plus dipolar dephasing; CP: cross polarization; CSA: chemical shift anisotropy; HETCOR: heteronuclear correlation; LG-CP: Lee-Goldburg cross polarization; HH-CP: Hartmann-Hahn cross polarization.