Nitrogen Newsletter is a summary of recent publications, news and reports related to the cycling, effects and management of nitrogen. Prepared by Mary O’Brien and Jana Compton. Contact Jana Compton with any questions (Compton.jana@epa.gov)

Please note: Most of these links are available to EPA staff through library access – not all links will be available to folks outside EPA, depending on your access to specific journals and websites.

Table of Contents

Special Issues ................................................................. 1
Articles ........................................................................ 1
News ........................................................................... 16
Reports ......................................................................... 20
Web Pages....................................................................... 22

Special Issues


Articles


Bernal S, von Schiller D, Marti E, Sabater F. 2012. **In-stream net uptake regulates inorganic nitrogen export from catchments under base flow conditions.** J Geophys Res-Biogeo 117:G00N05. Available from: [http://dx.doi.org/10.1029/2012JG001985](http://dx.doi.org/10.1029/2012JG001985)


Dailer ML, Smith JE, Smith CM. 2012. **Responses of bloom forming and non-bloom forming macroalgae to nutrient enrichment in Hawai‘i, USA.** Harmful Algae 17:111-125. Available from: [http://dx.doi.org/10.1016/j.hal.2012.03.008](http://dx.doi.org/10.1016/j.hal.2012.03.008)


Wortman E, Tomaszewski T, Waldner P, Schleppi P, Thimonier A, Eugster W, Buchmann N, Sievering H. 2012. *Atmospheric nitrogen deposition and canopy retention influences on photosynthetic performance at two high nitrogen deposition Swiss forests.* Tellus B 64:17216. Available from: [http://dx.doi.org/10.3402/tellusb.v64i0.17216](http://dx.doi.org/10.3402/tellusb.v64i0.17216)


Yang WH, Weber KA, Silver WL. 2012. *Nitrogen loss from soil through anaerobic ammonium oxidation coupled to iron reduction.* Nat Geosci 5(8):538-541. Available from: [http://dx.doi.org/10.1038/NGE01530](http://dx.doi.org/10.1038/NGE01530)


News


Raines B. **Oysters can handle some, but not all pollution we dump into the nation's estuaries.** Mobile Press-Register al.com 2012 July 15. Available from: [http://blog.al.com/live/2012/07/oysters_can_handle_some_of_the.html#incart_river_default](http://blog.al.com/live/2012/07/oysters_can_handle_some_of_the.html#incart_river_default)


Nutrient pollution is a growing problem all along the Mississippi. The Economist 2012 June 23. Available from: http://www.economist.com/node/21557365


For Bloomberg BNA subscribers (including EPA staff):


**For Greenwire subscribers (including EPA staff):**


Petersen L. **Drought: Parched Midwest helps shrink Gulf of Mexico dead zone.** Greenwire 2012 July 30. Available from: http://www.eenews.net/Greenwire/2012/07/30/archive/3


Massey N. **Forests: Higher CO2 levels in atmosphere could speed emissions from soils – study.** ClimateWire 2012 July 12. Available from: http://www.eenews.net/climatewire/2012/07/12/archive/2

Morello L. **Science: Coral experts call for global action to save reefs from dying.** ClimateWire 2012 July 10. Available from: http://www.eenews.net/climatewire/2012/07/10/archive/5


Massey N. Wildfires: As Colo. firefighters gain upper hand, scientist says pollution fueled forest vulnerability. ClimateWire 2012 July 2. Available from: http://www.eenews.net/climatewire/2012/07/02/archive/2


Reports


Web Pages


