#	Title	AAA Author	Pub. Date	Type	Publisher	Comments
616	TMDL Case Study: Tar-Pamlico Basin, North Carolina	Research Traingle Institute and USEPA, Office of Wetlands, Oceans, and Watersheds, Watershed Management Section	undated	Case study	Total Maximum Daily Load Program (TMDL), EPA Office of Water Quality. Site viewed on 11/26/05	In recent years, low dissolved oxygen levels, sporadic fish kills, loss of submerged vegetation, and other water quality problems have plagued North Carolina's Tar-Pamlico basin. The North Carolina Division of Environmental Management (NCDEM) responded by developing stricter nitrogen and phosphorus ef u-ent standards for dischargers in the basin. However, dischargers were concerned about the high capital costs that might be required to achieve the nutrient reduction goals. Consequently, a coalition of dischargers, working in cooperation with the Environmental Defense Fund, the Pamlico-Tar River Foundation, and NCDEM, proposed a nutrient trading framework through which dischargers can pay for the development and implementation of agricultural best management practices (BMPs) to achieve all or part of the total nutrient reduction goals. The EMC approved the program in December 1989, at the time this paper was written, the implementation phase (Phase 1) was currently under way. http://www.epa.gov/owow/tmdl/cs10/cs10.htm
617	Nitrogen Sources and Gulf hypoxia: Potential for Environmental Credit Trading	Ribaudo, Marc O., Ralph Heimlich, and Mark Peters	2005	Paper	Ecological Economics. 52 (2005) 159-168.	Background information for the National Forum on Synergies Between Water Quality Trading and Wetland Mitigation Banking - http://www2.eli.org/research/wqt_main.htm
618	Least-cost Management of Nonpoint Source Pollution: Source Reduction Versus Interception Strategies for Controlling Nitrogen Loss in the Mississippi Basin	Ribaudo, Marc O., Ralph Heimlich, Roger Claassen, and Mark Peters	May-01		Ecological Economics; 37(2): 183-197. May 2001.	
619	Pollutant Trading in North Carolina's River Basins: Tar-Pamlico and Neuse River Basins	Rich Gannon (North Carolina Division of Water Quality)	Dec. 7, 2005	PPt	Presentation to the University of Pennsylvania IES Seminar	Outlines and contrasts the Tar-Pamilco and Neuse River Basin Nutrient Trading programs.
620	EMC Agenda Item No. 0511: TarPamlico Nutrient Sensitive Waters Implementation Strategy: Phase III	Rich Gannon (North Carolina Division of Water Quality)	Apr-05	Implementation Strategy	North Carolina Division of Water Quality	http://h2o.enr.state.nc.us/nps/documents/PhIIIAgreementFinal4-05.pdf This document establishes the third phase of a nutrient control Agreement for point source discharges in the TarPamlico River Basin, reaffirms loading goals set in Phase II for all sources in the basin, and proposes timeframes for restoration of nutrient-related estuarine use support.
621	Mechanisms Controlling Phosphorous Retention Capacity in Freshwater Wetlands	Richardson, C.J.	1985	Abstract	Science; 228:1424-1427.	
622	Use of rhodamine water tracer in the marshland upwelling system	Richardson, S.D., C.S. Willson, K.A. Rusch	Sep-04		Ground water. 2004 Sept-Oct, v. 42, no. 5, p. 678-688.	
623	Lessons Learned from Point-Nonpoint Source Trading Case Studies	Ringhausen, Alley Great Rivers Land Trust	7/11-12/2005	Presentation	Audio Recording	Presented at National Forum on Synergies Between Water Quality Trading and Wetland Mitigation Banking - http://www2.eli.org/research/wqt_main.htm
624	Lessons Learned from Point-Nonpoint Source Trading Case Studies	Ringhausen, Alley Great Rivers Land Trust	7/11-12/2005	Presentation	PowerPoint Presentation	Presented at National Forum on Synergies Between Water Quality Trading and Wetland Mitigation Banking - http://www2.eli.org/research/wqt_main.htm

#	Title	AAA Author	Pub. Date	Type	Publisher	Comments
625	In uence of Various Water Quality Sampling Strategies on Load Estimates for Small Streams	Robertson, D.M. and E.D. Roerish	1999		Water Resources Research 35(12):3747-3759.	
626	Restored Wetlands as Filters to Remove Nitrogen	Romero, Jose A., Francisco A. Comín, and Carmen García	Jul-99		Chemosphere, Volume 39, Issue 2, July 1999, Pages 323-332	
627	Lake Allatoona Phase I Diagnostic-feasibility Study Report for 1992-1997	Rose, P.	1999		A.L. Burruss Institute of Public Service. Kennesaw State University. Kennesaw, GA.	
628	Lower Boise River Ef uent Trading Demonstration Project: Summary of Participant Recommendations For a Trading Framework	Ross & Associates Environmental Consulting, Ltd.	Sep-00	Report	Idaho Division of Environmental Quality	http://www.deq.state.id.us/water/data_reports/surface_water/tmdls/boise_river_lower/boise_river_lower_ef uent_report.pdf
629	Rainfall Simulation Study on the Effectiveness of Continuous No-till in Virginia	Ross, B.B., P.H. Davis, and V.L. Heath	Jun-01	Final Report		
630	Constructed Wetlands in Flanders: A Performance Analysis	Rousseau, Diederik P. L., Peter A. Vanrolleghem, and Niels De Pauw	Nov-04		Ecological Engineering; 23(3): 151-163. Nov 2004.	
631	Nitrate Removal from Drained and Re ooded Fen Soils Affected by Soil N Transformation Processes and Plant Uptake	Rückauf, Ulrike, Jürgen Augustin, Rolf Russow and Wolfgang Merbach	Jan-04		Soil Biology and Biochemistry; 36(1): 77-90. Jan 2004.	
632	Nutrient Removal in Subsurface Flow Constructed Wetlands for Application in Sensitive Regions	Rustige, H. and C. Platzer	2001		Water Science Technology. 2001;44(11-12):149-55.	
633	Nitrate removal in riparian wetlands: interactions between surface ow and soils	Rutherford, J.C. and M.L. Nguyen	May-Jun-04		Journal of environmental quality. 2004 May-June, v. 33, no. 3, p. 1133-1143.	
634	Ammonium production in submerged soils and sediments: the role of reducible iron	Sahrawat, K.L.	2004		Communications in Soil Science and Plant Analysis. 2004, v. 35, no. 3-4, p. 399-411.	
635	Organic matter and reducible iron control of ammonium production in submerged soils	Sahrawat, K.L. and L.T. Narteh	2001		Communications in Soil Science and Plant Analysis. 2001. v. 32 (9/10) p. 1543-1550.	
636	Nutrient Removal Mechanisms in Constructed Wetlands and Sustainable Water Management	Sakadevan, K. and H.J. Bavor	1999		Water Science and Technology, Volume 40, Issue 2, 1999, Pages 121-128	
637	Impact of Heavy Metals on Denitrification in Surface Wetland Sediments Receiving Wastewater	Sakadevan, K., Huang Zheng and H.J. Bavor	1999		Water Science and Technology, Volume 40, Issue 3, 1999, Pages 349-355	

#	Title	AAA Author	Pub. Date	Type	Publisher	Comments
638	Nutrient dynamics and eutrophication patterns in a semi-arid wetland: the effects of uctuating hydrology	Sanchez-Carrillo, S. and M. Alvarez-Cobelas	Oct-01		Water, air, and Soil Pollution Oct 2001. v. 131 (1/4) p. 97-118.	
639	Greenhouse-gas-trading Markets	Sandor, R., M. Walsh, and R. Marques	Aug-02	Paper	Philos Transact A Math Phys Eng Sci. 2002 Aug 15;360(1797):1889-900.	This paper summarizes the extension of new market mechanisms for environmental services, explains of the importance of generating price information indicative of the cost of mitigating greenhouse gases (GHGs) and presents the rationale and objectives for pilot GHG-trading markets. It also describes the steps being taken to define and launch pilot carbon markets in North America and Europe and reviews the key issues related to incorporating carbon sequestration into an emissions-trading market.
640	The impact of wetland vegetation drying time on abundance of mosquitoes and other invertebrates	Sanford, M.R., J.B. Keiper, W.E. Walton	Dec-03		Journal of the American Mosquito Control Association. 2003 Dec., v. 19, no. 4, p. 361-366.	
641	Effects of inorganic nitrogen enrichment on mosquitoes (Diptera: Culicidae) and the associated aquatic community in constructed treatment wetlands.	Sanford, M.R., K. Chan, W.E. Walton	Sep-05		Journal of medical entomology. 2005 Sept., v. 42, no. 5, p. 766-776.	
642	Shrimp Pond Ef uent: Pollution Problems and Treatment by Constructed Wetlands	Sansanayuth, P., A. Phadungchep, S. Ngammontha, S. Ngdngam, P. Sukasem, H. Hoshino and M.S. Ttabucanon	1996		Water Science and Technology, Volume 34, Issue 11, 1996, Pages 93-98	
643	Response of an Alaskan Wetland to Nutrient Enrichment	Sanville, William	Mar-88		Aquatic Botany, Volume 30, Issue 3, March 1988, Pages 231-243	
644	Investigation of Nitrogen Transformations in a Southern California Constructed Wastewater Treatment Wetland	Sartoris, James J., Joan S. Thullen, Larry B. Barber, and David E. Salas	Sep-99		Ecological Engineering; 14(1-2): 49-65. September 1999.	
645	Performance of a constructed wetland treating intensive shrimp aquaculture wastewater under high hydraulic loading rate	Schaafsma, Jennifer A., Andrew H. Baldwin, and Christopher A. Streb	Sep-99		Ecological Engineering; 14(1-2): 199-206. September 1999.	
646	Biological diversity versus risk for mosquito nuisance and disease transmission in constructed wetlands in southern Sweden	Schafer, M.L., J.O. Lundstrom, M. Pfeffer, E. Lundkvist, J. Landin	Sep-07		Medical and Veterinary Entomology. 2004 Sept., v. 18, no. 3, p. 256-267.	
647	A New Approach to Water Quality Trading: Applying Lessons from the Acid Rain Program in the Lower Boise River Watershed	Schary, C. and K. Fischer-Vanden	2004		Environmental Practice 6, no. 4: 281-295.	

#	Title	AAA Author	Pub. Date	Type	Publisher	Comments
648	Nitrogen Renovation by Denitrification in Forest Sewage Irrigation Systems	Schipper, L.A., W.J. Dyck, P.G. Barton and P.D. Hodgkiss	1989		Biological Wastes, Volume 29, Issue 3, 1989, Pages 181-187	
649	Cost Minimization of Nutrient Reduction in Watershed Management Using Linear Programming	Schleich, J. and D. White	1997	Paper	Water Resources Bulletin; 33(1): 135-142. February 1997. Paper Number 95127	No abstract available. http://awra.org/~awra/jawra/papers/J95127.html
650	Salt Tracer Experiments in Constructed Wetland Ponds with Emergent Vegetation: Laboratory Study on the Formation of Density Layers and Its In uence on Breakthrough Curve Analysis	Schmid, B.H., M.A. Hengl, and U. Stephan	Apr-04		Water Resources. 2004 Apr;38(8):2095-102	
651	Inverse estimation of parameters in a nitrogen model using field data	Schmied, B. and K. Abbaspour, and R. Schulin	Mar-Apr-00		Soil Science Society of America Journal. Mar/Apr 2000. v. 64 (2) p. 533-542.	
652	Water Quality Characteristics of Vegetated Groundwater-fed Ditches in a Riparian Peatland	Scholz, Miklas and Michael Trepel	Oct-04		Science of The Total Environment; 332(1-3): 109-122. Oct 2004.	
653	The Use of Constructed Wetlands to Upgrade Treated Sewage Ef uents Before Discharge to Natural Surface Water in Texel Island, The Netherlands: Pilot Study	Schreijer, M., R. Kampf, S. Toet and J. Verhoeven	1997		Water Science and Technology, Volume 35, Issue 5, 1997, Pages 231-237	
654	Phosphorus Loss in Runoff from Grasslands Related to Soil Test Phosphorus and Poultry Litter Application	Schroeder, P.	2002		Ph.D. Thesis. University of Georgia. Athens, GA.	
655	Market Incentives and Nonpoint Sources: An Application of Tradable Credits to Urban Stormwater Management	Schultz, Pati		Report	USEPA	Information sheet
656	Treatment of Rainbow Trout Farm Ef uents in Constructed Wetland with Emergent Plants and Subsurface Horizontal Water Flow	Schulz, Carsten, Jörg Gelbrecht, and Bernhard Rennert	Mar-03		Aquaculture; 217(1-4): 207-221. Mar 17, 2003.	
657	Effectiveness of a constructed wetland for retention of nonpoint-source pesticide pollution in the lourens river catchment, South Africa	Schulz, R. and S.K.C. Peall	Jan-01		Environmental science & technology. Jan 15, 2001. v. 35 (2) p. 422-426.	
658	Nonpoint Source Pollution, Uniform Control Strategies, and the Neuse River Basin	Schwabe, K.A.	2001	Paper	Review of Agricultural Economics, 2001 - blackwell-synergy.com Page 1. Review of Agricultural Economics—Volume 23, Number 2—Pages 352-369	This research investigates various policy options considered by the state of North Carolina for reducing nonpoint source pollution. Focusing on nitrogen runoff from cropping activities, we estimate and compare the control costs and estuarine nutrient loadings under both the initial proposed rules, which were quite uniform, and the more exible final proposed rules. We then illustrate the magnitude to which the outcomes from models and policies can diverge depending upon the treatment of the application-specific environmental heterogeneity. Such an analysis illustrates the relative importance of certain types of heterogeneity associated with the environment on policy design and real-world outcomes.

#	Title	AAA Author	Pub. Date	Type	Publisher	Comments
659	Case Study: Minnesota - Pollutant Trading at Rahr Malting Co.	Senjem, N.	11/5-7/1997	Case Study	Environmental Regulatory Innovations Symposium	http://www.pca.state.mn.us/hot/es-mn-r.html
660	Pollutant Trading for Water Quality Improvement. A Policy Evaluation	Senjem, N.	1997	Paper	Minnesota Pollution Control Agency, Water Quality Division	
661	Suitability of Constructed Wetlands and Waste Stabilisation Ponds in Wastewater Treatment: Nitrogen Transformation and Removal	Senzia, M.A., D.A. Mashauri, and A.W. Mayo	2003		Physics and Chemistry of the Earth, Parts A/B/C; 28(20-27): 1117-1124. 2003.	
662	Phosphorus retention capacity of filter media for estimating the longevity of constructed wetland	Seo, D.C., J.S. Cho, H.J. Lee, J.S. Heo	Jun-05		Water Research. 2005 June, v. 39, issue 11, p. 2445-2457.	
663	A Summary of U.S. Ef uent Trading and Offset Projects	Sessions, S. and M. Leifman.	1999		Prepared for Dr. Mahesh Podar, U.S. Environmental Protection Agency, Office of Water	http://www.epa.gov/owow/watershed/hotlink.htm
664	Nutrient Removal from Piggery Ef uent Using Vertical Flow Constructed Wetlands in Southern Brazil	Sezerino, P.H., V. Reginatto, M.A. Santos, K. Kayser, S. Kunst, L.S. Philippi, and H.M. Soares	2003		Water Science Technology. 2003; 48(2): 129-35.	
665	Past, Present, and Future of Wetlands Credit Sales	Shabman, Leonard and Paul Scodari	Dec-04		Discussion Paper 04–48 Resources for the Future, Washington DC	Not peer reviewed http://www.rff.org/documents/rff-dp-04-48.pdf
666	Carbon supply and the regulation of enzyme activity in constructed wetlands	Shackle, V.J., C. Freeman, and B. Reynolds	Nov-00		Soil Biology & Biochemistry. Nov 2000. v. 32 (13) p. 1935-1940.	
667	Nitrogen accumulation in a constructed wetland for dairy wastewater treatment	Shamir, E., T.L. Thompson, M.M. Karpiscak, R.J. Freitas, and J. Zauderer	Apr-01		Journal of the American Water Resources Association / Apr 2001. v. 37 (2) p. 315-325.	http://www.awra.org/jawra/index.html
668	Subsurface ow constructed wetland performance at a Pennsylvania campground and conference center	Shannon, R.D., O.P. Flite, III., and M.S. Hunter	Nov-Dec-00		Journal of environmental quality. Nov/Dec 2000. v. 29 (6) p. 2029-2036.	
669	Determining the Economic Costs of Fish Kills for Recreational Users of the Tar-Pamlico River	Sharratt, Jo	Dec-98	Report	Department of Economics, East Carolina University	Results of a survey of recreational river users. The results of the survey are used to make an estimate of the decrease in consumer surplus (monetary value of river recreation) as a result of declining water quality. The report describes the results as being similar to the published results of other studies. http://www.ecu.edu/econ/ecer/sharratt.pdf
670	The In uence of Rainfall on the Incidence of Microbial Faecal Indicators and the Dominant Sources of Faecal Pollution in a Florida River	Shehane, S.D., V.J. Harwood, J.E. Whitlock, and J.B. Rose	May-05	Paper	Journal of Applied Microbiology, Volume 98, Issue 5, Page 1127-1136, May 2005	

#	Title	AAA Author	Pub. Date	Type	Publisher	Comments
671	Treatment of high-strength winery wastewater using a subsurface- ow constructed wetland	Shepherd, H.L., M.E. Grismer, and G. Tchobanoglous	Jul-Aug-01		Water environment research : a research publication of the Water Environment Federation. July/Aug 2001. v. 73 (4) p. 394-403.	
672	Stability of phosphorus within a wetland soil following ferric chloride treatment to control Eutrophication	Sherwood, L.J. and R.G. Qualls	Oct-01		Environmental science & technology. Oct 15, 2001. v. 35(20) p. 4126-4131.	
673	Planning to Protect Water Resources and Natural Areas: A Comparison of the Water Basin Management Strategies of the Chesapeake Bay and the Netherlands	Shingara, Erica	Apr-01	Master's Project	Department of City and Regional Planning, University of North Carolina at Chapel Hill	Both the Chesapeake Bay and the Neatherlands face similar threats and challenges with respect to water quality and management planning. This paper compares management strategies used to protect water resources and natural areas in both locations. http://www.planning.unc.edu/carplan/mpshingara.pdf
674	Simulation of nitrogen and phosphorus leaching in a structured soil using GLEAMS and a new submodel, "PARTLE."	Shirmohammadi, A., B. Ulen, L. F. Bergstrom, and W. G. Knisel	1998		Transactions of the ASAE, 41(2):353-360.	
675	Seasonal Effect on Ammonia Nitrogen Removal by Constructed Wetlands Treating Polluted River Water in Southern Taiwan	Shuh-Ren Jing and Ying-Feng Lin	Jan-04		Environmental Pollution; 127(2): 291-301. Jan 2004.	
676	An Examination of Key Elements and Conditions for Establishing a Water Quality Trading Bank	Siems, Antje, Jenny Ahlen, and Mark Landry	Mar-05	White paper	Abt Associates Inc., Bethesda, MD.	Background information for the National Forum on Synergies Between Water Quality Trading and Wetland Mitigation Banking - http://www2.eli.org/research/wqt_main.htm
677	Assessing the Efficacy of Dredged Materials from Lake Panasoffkee, Florida: Implication to Environment and Agriculture. Part 1: Soil and Environmental Quality Aspect	Sigua, G.C., M.L. Holtkamp, and S.W. Coleman	2004	Paper	Environ Sci Pollut Res Int. 2004;11(5):321-6. PMID: 15506635	Study to quantify the effect of applied lake dredged materials on soil physico-chemical properties (soil quality) at the disposal site. The experimental treatments that were evaluated consisted of different proportions of lake dredged materials at 0, 25, 50, 75, and 100%. The study demonstrated that when lake dredged materials were incorporated into existing topsoil they would have the same favorable effects as liming the field.
678	Ammonium Removal in Constructed Wetlands with Recirculating Subsurface Flow: Removal Rates and Mechanisms	Sikora, F.J., Zhu Tong, L. L. Behrends, S. L. Steinberg and H. S. Coonrod	1995		Water Science and Technology, Volume 32, Issue 3, 1995, Pages 193-202	
679	Vegetation is the main factor in nutrient retention in a constructed wetland buffer	Silvan, N., H. Vasander, J. Laine	Jan-04		Plant and soil. 2004 Jan., v. 258, no. 1-2, p. 179-187.	http://www.kluweronline.com/issn/0032-079X/contents
680	Microbial Immobilisation of Added Nitrogen and Phosphorus in Constructed Wetland Buffer	Silvan, Niko, Harri Vasander, Marjut Karsisto, and Jukka Laine	Oct-03		Applied Soil Ecology; 24(2): 143-149. Oct 2003.	
681	Nutrient requirements of seven plant species with potential use in shoreline erosion control	Sistani, K.R. and D.A. Mays	2001		Journal of plant nutrition. 2001. v. 24 (3) p. 459-467.	

#	Title	AAA Author	Pub. Date	Type	Publisher	Comments
682	Ancillary benefits of wetlands constructed primarily for wastewater treatment	Slather, J.H.	1998		In: D.A. Hammer (ed.) Constructed Wetlands for Wastewater Treatment, Municipal, Industrial and Agricultural. Lewis Publishers, Chelsea, MI.	
683	Constructed Wetlands as Nitrogen Sinks in Southern Sweden: An Empirical Analysis of Cost Determinants	Söderqvist, Tore	Aug-02		Ecological Engineering; 19(2): 161-173. Aug 2002.	
684	Constructed wetlands as a sustainable solution for wastewater treatment in small villages	Solano, M.L., P. Soriano, M.P. Ciria	Jan-04		Biosystems engineering. 2004 Jan., v. 87, no. 1, p. 109-118.	http://www.sciencedirect.com/science/journal/15375110
685	The Origins, Practice, and Limits of Emissions Trading	Solomon, Barry D. (Barry David)	1995	Paper	Journal of Policy History; 14(3):293-320. 2002.	This paper is an examination of how emissions trading programs evolved as an unintended consequence of the Clean Air Act of 1970. Despite some early theoretical work by economists, most precedent-setting decisions were made as regulators, firms, environmental groups, and policy analysts struggled to address practical issues of implementation associated with the Clean Air Act. Today, after almost three decades of practice and theory having refined one another, the ability of program designers and policy analysts to anticipate and address the challenges of specific trading applications has significantly improved. However, some early decisions resulted in precedents that have never received the level of deliberation and debate they warrant.
686	Seasonal and Annual Performance of a Full-Scale Constructed Wetland System for Sewage Treatment in China	Song, Zhiwen, Zhaopei Zheng, Jie Li, Xianfeng Sun, Xiaoyuan Han, Wei Wang, and Min Xu	Jan-06		Ecological Engineering, In Press, Corrected Proof, Available online 4 January 2006	
687	Role of Scirpus lacustris in Bacterial and Nutrient Removal from Wastewater	Soto, F., M. Garcia, E. de Luis and E. Bécares	1999		Water Science and Technology, Volume 40, Issue 3, 1999, Pages 241-247	
688	Nutrient Cycling at the Sediment-Water Interface and in Sediments at Chiricahueto Marsh: A Subtropical Ecosystem Associated with Agricultural Land Uses	Soto-Jimenez, M. F., F. Paez-Osuna, and H. Bojorquez-Leyva	Feb-03		Water Research; 37(4): 719-728. Feb 2003.	
689	S-1004: 2003 Annual Meeting	Southern Association of Agricultural Experiment Station Directors	2003	Minutes	Southern Association of Agricultural Experiment Station Directors	http://www.lgu.umd.edu/lgu_v2/pages/reportMeet/158_min.doc
690	Soil Phosphorus in Isolated Wetlands of Subtropical Beef Cattle Pastures	Sperry, C.M.	2004	Abstract	Master's Thesis, University of Florida. 2004.	http://www.archbold-station.org/ABS/publicationsPDF/Sperry-2004-thesis.pdf
691	The Effects of Season and Hydrologic and Chemical Loading on Nitrate Retention in Constructed Wetlands: A Comparison of Low- and High-Nutrient Riverine Systems	Spieles, Douglas J. and William J. Mitsch	Sep-99		Ecological Engineering; 14(1-2): 77-91. September 1999.	

#	Title	AAA Author	Pub. Date	Type	Publisher	Comments
692	Emissions of Greenhouse Gases from Ponds Constructed for Nitrogen Removal	Stadmark, Johanna and Lars Leonardson	Dec-05		Ecological Engineering;25(5):542-551. Dec. 1, 2005.	
693	Monitoring and modeling lateral transport through a large in situ chamber	Starr, J.L., A.M. Sadeghi, Y.A. Pachepsky	Nov-Dec-05		Soil Science Society of America journal. 2005 Nov-Dec, v. 69, no. 6, p. 1871-1880.	
694	Pollutant Trading Guidance	State of Idaho, Department of Environmental Quality	Nov-03	Draft	State of Idaho, Department of Environmental Quality	http://www.deq.state.id.us/water/prog_issues/waste_water/pollutant_trading/pollutant_trading_guidance_entire.pdf
695	Nonpoint Source Management Plan	State of Idaho, Division of Environmental Quality	Dec-99	Report	State of Idaho, Division of Environmental Quality	http://www.deq.idaho.gov/water/data_reports/surface_water/nps/management_plan_entire.pdf
696	Transaction Costs and Tradable Permits	Stavins, Robert N.	1995		Journal of Environmental Economics and Management, 29, 133-148. Resource Economics, 11, 571-585.	
697	The Next Generation of Market-Based Environmental Policies	Stavins, Robert N. and Bradley W. Whitehead	Nov-96	Paper	Discussion Paper 97-10 Prepared for Environmental Reform: The Next Generation Project, Daniel Esty and Marian Chertow, editors, Yale Center for Environmental Law and Policy.	http://www.rff.org/rff/Documents/RFF-DP-97-10.pdf
698	SCS Runoff Equation Revisited for Variable Source Runoff Areas	Steenhuis, T.S., M. Winchell, I. Rossing, J.A. Zollweg, and M.F. Walter	1995		J. of Irrigation and Drainage Eng. ASCE 121:234-238.	
699	Does Batch Operation Enhance Oxidation in Subsurface Constructed Wetland?	Stein, O.R., P.B. Hook, J.A. Biederman, W.C. Allen, and D.J. Borden	2003		Water Science Technology. 2003;48(5): 149-56.	
700	In uence of Nutrient Supply on Growth, Carbohydrate, and Nitrogen Metabolic Relations in Typha angustifolia	Steinbachová-Vojtíšková, Lenka, Edita Tylová, Aleš Soukup, Hana Hana Novická, Olga Votrubová, Helena Lipavská, and Hana í ková	Aug-05		Environmental and Experimental Botany, In Press, Corrected Proof, Available online 2 August 2005	
701	Toward an Effective Watershed-Based Ef uent Allowance Trading System: Identifying the Statutory and Regulatory Barriers to Implementation	Stephenson, K., L. Shabman, and L.L. Geyer	1999	Paper	Environmental Lawyer, Vol. 5, Pp. 775-815, 1999	

#	Title	AAA Author	Pub. Date	Type	Publisher	Comments
702	Market Based Strategies and Nutrient Trading: What You Need to Know (563 KB)	Stephenson, Kerns and Shabman	Nov-95	Report	Department of Agricultural and Apprlied Economics, Virginia Tech, Blacksburg, VA and Virginia Division of Soil and Water Conservation, Department of Conservation and Recreation	Addresses policy tools that can be used to better achieve the dual objectives of improved environmental quality and more exible, cost-effective environmental policies.
703	Freshwater Wetlands, Urban Stormwater, and Nonpoint Pollution Control: A Literature Review and Annotated Bibliography (2nd Ed.)	Stockdale, E.C.	1991	Bibliography	WA Department of Ecology, Olympia, WA	
704	Spatial variability in palustrine wetlands	Stolt, M.H., M.H. Genthner, W.L. Daniels, and V.A. Groover	Mar-Apr-01		Soil Science Society of America journal. Mar/Apr 2001. v. 65 (2) p. 527-535.	
705	Comparison of soil and other environmental conditions in constructed and adjacent palustrine reference wetlands	Stolt, M.H., M.H. Genthner, W.L. Daniels, V.A. Groover, S. Nagle, and K.C. Haering	Dec-00		Wetlands : the journal of the Society of the Wetlands Scientists. Dec 2000. v. 20 (4) p. 671-683.	
706	Marsh-Pond-Marsh Constructed Wetland Design Analysis for Swine Lagoon Wastewater Treatment	Stone, K.C., M.E. Poach, P.G. Hunt, and G.B. Reddy	Oct-04		Ecological Engineering; 23(2): 127-133. Oct 1, 2004	
707	Assessing TMDL Effectiveness Using Flow-adjusted Concentrations: A Case Study of the Neuse River, North Carolina	Stow, C.A. and M.E. Borsuk	May-15-03	Paper	Environ Sci Technol. 2003 May 15;37(10):2043-50	In this paper, the authors propose the use of " ow-adjusted" pollutant concentrations to evaluate the effectiveness of management actions taken to meet approved TMDLs. Pollutant concentrations are usually highly correlated with stream ow, and ow is strongly weather-dependent. Thus, pollutant loads, which are calculated as pollutant concentration multiplied by stream- ow, have a large weather-dependent variance component. This natural variation can be removed by calculating ow-adjusted concentrations. While such values are not a direct measure of pollutant load, they make it easier to discern changes in stream-water quality. Additionally, they are likely to be a better predictor of pollutant concentrations in the receiving waterbody. We demonstrate the use of this technique using long-term nutrient data from the Neuse River in North Carolina. The Neuse River Estuary has suffered many eutrophication symptoms, and a program to reduce nutrient loading has been in place for several years. We show that, in addition to revealing recent reductions in nutrient inputs, annual ow-adjusted riverine nutrient concentrations show a more pronounced relationship with estuarine nutrient concentrations than do annual nutrient loads. Thus, we suggest that the calculation of ow-adjusted concentrations is a useful technique to aid in assessment of TMDL implementation. http://www.ncbi.nlm.nih.gov/entrez/query.fcgi?cmd=Retrieve&db=PubMed&list_uids=12785506&dopt=Abstract
708	The Use of Wetlands for Controlling Stormwater Pollution	Strecker, E.W., J.M. Kersnar, E.D. Driscoll and R.R. Horner	Apr-92	Abstract	The Terrene Inst., Washington, DC	

#	Title	AAA Author	Pub. Date	Type	Publisher	Comments
709	Aquaculture Sludge Removal and Stabilization within Created Wetlands	Summerfelt, Steven T., Paul R. Adler, D. Michael Glenn and Ricarda N. Kretschmann	Jan-99		Aquacultural Engineering, Volume 19, Issue 2, January 1999, Pages 81-92	
710	Enhanced Removal of Organic Matter and Ammoniacal-nitrogen in a Column Experiment of Tidal Flow Constructed Wetland System	Sun, Guangzhi, Yaqian Zhao and Stephen Allen	Jan-06		Journal of Biotechnology; 115(2): 189-197. Jan 26, 2005.	
711	Watershed-scale simulation of sediment and nutrient loads in Georgia Coastal Plain streams using the annualized AGNPS model	Suttles, J.B., G. Vellidis, D.D. Bosch, R. Lowrance, J.M. Sheridan, E.L. Usery	Sep-Oct-03		Transactions of the ASAE. 2003 Sept-Oct, v. 46, no. 5, p. 1325-1335.	
712	Natural Wastewater Treatment in Hungary	Szabo, A., A. Osztoics, and F. Szilagyi	2001		Water Science Technology. 2001;44(11-12):331-8.	
713	Characterization of oxidation-reduction processes in constructed wetlands for swine wastewater treatment	Szogi, A.A., P.G. Hunt, E.J. Sadler, D.E. Evans	Mar-04		Applied Engineering in Agriculture. 2004 Mar., v. 20, no. 2, p.189-200.	
714	Seasonal dynamics of nutrients and physico-chemical conditions in a constructed wetland for swine wastewater treatment	Szögi, A.A., P.G. Hunt, F.J. Humenik, K.C. Stone, J.M. Rice, and .E.J. Sadler	1994		ASAE Paper #94-2602.	
715	Water Quality Trading: Nonpoint Credit Bank Model	Talbert, Gerald	No date	Paper	National Association of Conservation Districts.	Background information for the National Forum on Synergies Between Water Quality Trading and Wetland Mitigation Banking - http://www2.eli.org/research/wqt_main.htm
716	Charting the Course: The Comprehensive Conservation and Management Plan for Tampa Bay	Tampa Bay National Estuary Program	Dec-96	Plan	Tampa Bay National Estuary Program	
717	The Tampa Bay Nitrogen Management Consortium Action Plan 1995 - 1999	Tampa Bay Nitrogen Management Consortium. Partnership for Progress.	Mar-98	Plan	Tampa Bay Nitrogen Management Consortium. Partnership for Progress.	
718	Plants as Ecosystem Engineers in Subsurface- ow Treatment Wetlands	Tanner, C.C.	2001		Water Science Technology. 2001;44(11-12):9-17.	
719	Growth and nutrient dynamics of soft-stem bulrush in constructed wetlands treating nutrient-rich wastewaters.	Tanner, C.C.	2001		Wetlands Ecology and Management. 9: 49-73	
720	Plants for constructed wetlands –A comparison of the growth and nutrient uptake characteristics of eight emergent species	Tanner, C.C.	1996		Ecological Engineering 7: 59-83.	
721	Linking Pond and Wetland Treatment: Performance of Domestic and Farm Systems in New Zealand	Tanner, C.C. and J.P. Sukias	2003		Water Science Technology. 2003;48(2): 331-9.	

#	Title	AAA Author	Pub. Date	Type	Publisher	Comments
722	Constructed wetlands in New Zealand–Evaluation of an emerging “natural” wastewater treatment technology	Tanner, C.C., J.P.S. Sukias, and C. Dall	2000	Proceedings of Water 2000: Guarding the Global Resource Conference, Auckland, March 19-23.	CD ROM ISBN 1-877134-30-9, New Zealand Water and Wastes Association.	
723	Relationships between loading rates and pollutant removal during matura-tion of gravel-bed constructed wetlands	Tanner, C.C., J.P.S. Sukias, and M.P. Upsdell	1998		Journal of Environmental Quality 27: 448-458.	
724	Using Constructed Wetlands to Treat Subsurface Drainage From Intensively Grazed Dairy Pastures in New Zealand	Tanner, C.C., M.L. Nguyen, and J.P. Sukias	2003		Water Science Technol-ogy. 2003;48(5):207-13.	
725	Nutrient Removal by a Constructed Wetland Treating Subsurface Drainage from Grazed Dairy Pasture	Tanner, C.C., M.L. Nguyen, and J.P.S. Sukias	Jan-05		Agriculture, Ecosystems & Environment; 105(1-2): 145-162. Jan 2005.	
726	Plants for Constructed Wetland Treat-ment Systems - A Comparison of the Growth and Nutrient Uptake of Eight Emergent Species	Tanner, Chris C.	Sep-96		Ecological Engineer-ing, Volume 7, Issue 1, September 1996, Pages 59-83	
727	Effect of Water Level Fluctuation on Nitrogen Removal from Constructed Wetland Mesocosms	Tanner, Chris C., Joachim D’Eugenio, Graham B. McBride, James P. S. Sukias and Keith Thompson	Jan-99		Ecological Engineering, Volume 12, Issues 1-2, January 1999, Pages 67-92	
728	Effect of Loading Rate and Planting on Treatment of Dairy Farm Wastewaters in Constructed Wetlands-II. Removal of Nitrogen and Phosphorus	Tanner, Chris C., John S. Clayton and Martin P. Upsdell	Jan-95		Water Research, Volume 29, Issue 1, January 1995, Pages 27-34	
729	Nitrogen Processing Gradients in Subsurface- ow Treatment Wetlands: In uence of Wastewater Characteristics	Tanner, Chris C., Robert H. Kadlec, Max M. Gibbs, James P.S. Sukias, and M. Long Nguyen	Mar-02		Ecological Engineering; 18(4): 499-520. March 1, 2002.	
730	Tradable Discharge Permits System for Water Pollution of the Upper Nanpan River, China	Tao, Wendong, Weimin Yang, and Bo Zhou	May-03	Paper		http://www.idrc.org.sg/uploads/user-S/10536118430ACF64.pdf
731	Developing Cost-Effective Geographic Targets for Nitrogen Reductions in the Long Island Sound Watershed	Tedesco, M. and P. Stacey	Jun-96	Proceedings	Watersheds ‘96. Water Environment Federation and U.S. EPA	. http://www.epa.gov/owowwtr1/watershed/Proceed/tedesco.htm
732	An Evaluation of Pollutant Removal from Secondary Treated Sewage Ef- uent Using a Constructed Wetland System	Thomas, P.R., P. Glover and T. Kala-roopan	1995		Water Science and Tech-nology, Volume 32, Issue 3, 1995, Pages 87-93	

#	Title	AAA Author	Pub. Date	Type	Publisher	Comments
733	Denitrification in an estuarine headwater creek within an agricultural watershed	Thompson, S.P., M.F. Piehler, and H.W. Paerl	Nov-Dec-00		Journal of environmental quality. Nov/Dec 2000. v. 29 (6) p. 1914-1923.	
734	Managing Vegetation in Surface- ow Wastewater-treatment Wetlands for Optimal Treatment Performance	Thullen, Joan S., James J. Sartoris, and S. Mark Nelson	Dec-05		Ecological Engineering; 25(5): 583-593. Dec 2005.	
735	Effects of Vegetation Management in Constructed Wetland Treatment Cells on Water Quality and Mosquito Production	Thullen, Joan S., James J. Sartoris, and William E. Walton	Mar-02		Ecological Engineering; 18(4): 441-457. March 1, 2002.	
736	Tradable Permit Approaches to Pollution Control	Tietenberg, T.	2000		In: Kaplowitz, M.D. (ed.) Property Rights, Economics, and the Environment. JAI Press Inc., Stanford, Connecticut.	
737	“Introduction.” Pp. xi-xxviii in Emissions Trading Programs. Volume I. Implementation and Evolution	Tietenberg, T.	2001		Aldershot, England: Ashgate Publishing Limited.	
738	Constructed Wetlands as Recirculation Filters in Large-scale Shrimp Aquaculture	Tilley, David Rogers, Harish Badrinarayanan, Ronald Rosati, and Jiho Son	Jun-02		Aquacultural Engineering; 26(2): 81-109. June 2002.	
739	The Utilization of a Freshwater Wetland for Nutrient Removal from Secondarily Treated Wastewater Ef uent	Tilton, D.L. and R.H. Kadlec	1979	Abstract	Journal of Environmental Quality; 8:328-334. 1979.	
740	Cost-Effectiveness of Agricultural BMPs for Nutrient Reduction in the Tar-Pamlico Basin	Tippet, J. and R. Dodd Research Triangle Institute	Jan-95	Paper	North Carolina Department of Environment, Health, and Natural Resources	This paper discusses some of the technical work that supports the Tar-Pamlico Nutrient Trading Program implementation. In order to help the Program participants set a reasonable cost for trading nitrogen or phosphorus between point and nonpoint sources and understand how cost effective different best management practices (BMPs) are, the authors developed cost-effectiveness estimates (expressed as $/kilogram of nutrient load reduced) for cost-shared agricultural BMPs in the Basin. The data represent BMPs that were implemented from 1985 to 1994.
741	Cost-Effectiveness of Agricultural BMPs for Nutrient Reduction in the Tar-Pamlico River Basin (NC)	Tippett, John P. and Randall C. Dodd	Jul-95	Summary of a Paper	Project Spotlight, NWQEP Noted, The NCSU Water Quality Group Newsletter. North Carolina Cooperative Extension Service, North Carolina State University, College of Agricultural and Life Sciences. Number 72, July 1995, ISSN 1062-9149	Evaluates the cost-effectiveness of Agricultural BMPs. The authors did not include the cost-effectiveness of restoring and protecting riparian areas and wetlands in their analysis and indicated additional research is needed on this subject. http://www.bae.ncsu.edu/programs/extension/wqg/issues/72.html

#	Title	AAA Author	Pub. Date	Type	Publisher	Comments
742	Nitrogen Fixation Associated with Juncus balticus and Other Plants of Oregon Wetlands	Tjepkema, J.D. and H.J. Evans	1976		Soil Biology and Biochemistry, Volume 8, Issue 6, 1976, Pages 505-509	
743	Nutrient Removal through Autumn Harvest of Phragmites australis and Typha latifolia Shoots in Relation to Nutrient Loading in a Wetland System Used for Polishing Sewage Treatment Plant Ef uent	Toet, S., M. Bouwman, A. Cevaal, and J.T.A. Verhoeven	2005		Journal of Environmental Science and Health Part A (2005) 40(6-7): 1133-1156	
744	The Functioning of a Wetland System Used for Polishing Ef uent from a Sewage Treatment Plant	Toet, Sylvia, Richard S.P. van Logtestijn, Michiel Schreijer, Ruud Kampf, and Jos T.A. Verhoeven	Jul-05		Ecological Engineering; 25(1): 101-124. Jul 20, 2005.	
745	Biological Control of Water Pollution	Tourbier, J. and R.W. Pierson (eds)	1976	Abstract	Univ. of Pennsylvania Press, Philadelphia, PA	
746	Quantifying Nitrogen Retention in Surface Flow Wetlands for Environmental Planning at the Landscape-scale	Trepel, Michael and Luca Palmeri	Aug-02		Ecological Engineering; 19(2): 127-140. Aug 2002.	
747	Hydrologic characterization of two prior converted wetland restoration sites in eastern North Carolina	Tweedy, K.L. and R.O. Evans	Sep-Oct-01		Transactions of the ASAE. Sept/Oct 2001. v. 44 (5) p. 1135-1142.	
748	The Effects of NH4+ and NO3? on Growth, Resource Allocation and Nitrogen Uptake Kinetics of Phragmites australis and Glyceria maxima	Tylova-Munzarova, Edita, Bent Lorenzen, Hans Brix, and Olga Votrubova	Apr-05		Aquatic Botany; 81(4): 326-342. Apr 2005.	
749	Natural Wetlands and Urban Stormwater: Potential Impacts and Management	U.S. EPA	Feb-93	Abstract	EPA843-R-001. Office of Wetlands, Oceans and Watersheds, Washington, DC	
750	Subsurface Flow Constructed Wetlands for Wastewater Treatment: A Technology Assessment	U.S. EPA	Jul-93	Abstract	EPA832-R-93-001. Office of Water, Washington, DC	
751	Process Design Manualù Constructed Wetlands and Aquatic Plant Systems for Municipal Wastewater Treatment	U.S. EPA	Sep-88	Abstract	EPA 625/1-88/022. Center for Environmental Research Information, Cincinnati, OH	
752	Report on the Use of Wetlands for Municipal Wastewater Treatment and Disposal	U.S. EPA	Oct-87	Abstract	EPA 430/09-88-005. Office of Municipal Pollution Control, Washington, DC	
753	Freshwater Wetlands for Wastewater Management Environmental Assessment Handbook	U.S. EPA	Sep-85	Abstract	EPA 904/9-85-135. Region IV, Atlanta, GA	
754	The Effects of Wastewater Treatment Facilities on Wetlands in the Midwest	U.S. EPA	1983	Abstract	EPA 905/3-83-002. Region V, Chicago, IL	

#	Title	AAA Author	Pub. Date	Type	Publisher	Comments
755	Constructed Wetlands for Wasterwater Treatment and Wildlife Habitat: 17 Case Studies	U.S. EPA	1993		EPA 832-R-93-005. Office of Wastewater Management, Washington, DC.	
756	The Ecological Impacts of Wastewater on Wetlands, An Annotated Bibliography	U.S. EPA/U.S. F&WL Service	1984	Abstract	EPA 905/3-84-002. Region V, Chicago, IL and U.S. F&WL Service, Kearneysville, WY	
757	Preliminary Review for a Geographic and Monitoring Program Project: A Review of Point Source–Nonpoint Source Ef uent Trading/Offset Systems in Water Sheds	U.S. Geological Service	Jun-05	Open file report 03-79	U.S. Geological Service	http://pubs.usgs.gov/of/2003/of03-079/Wood_OFR03-79.pdf
758	Health Threats Grow from Tons of Manure	Unger, H.	2002		Atlanta Journal Constitution. November 24, 2002.	
759	The Phosphorus Index: A Phosphorus Assessment Tool	United States Department of Agriculture, Natural Resources Conservation Service	Aug-94	Report	United States Department of Agriculture, Natural Resources Conservation Service	http://www.nrcs.usda.gov/technical/ECS/nutrient/pindex.html
760	Bank Review and Certification Requirements: A Wetland Mitigation Banking Perspective	Urban, David T. Land and Water Resources, Inc.	7/11-12/2005	Presentation	PowerPoint Presentation	
761	Constructed wetlands bibliography	US Department of Agriculture	2000		Ecological Sciences Division of the Natural Resources Conservation Service and the Water Quality Information Center at the National Agricultural Library	http://www.nal.usda.gov/wqic/Constructed_Wetlands_all/index.html (January 2006).
762	Assessing a Neural Network Modeling Approach for Predicting Nutrient Loads in the Mahantango Watershed	US Department of Agriculture: Agricultural Research Service	Accessed	Web-site	US Department of Agriculture: Agricultural Research Service	http://www.ars.usda.gov/research/projects/projects.htm?accn_no=410035
763	Water Quality Training	US Environmental Protection Agency	Aug-00	fact sheet	US Environmental Protection Agency	A newsletter acknowledging the importance of nutrient trading in meeting reduction goals, the process the nutrient trading negotiation team underwent to reach consensus, and a listing of the recommended fundamental principles and elements of a trading program. http://www.epa.gov/OWOW/watershed/trading.htm
764	Water Quality Trading Assessment Handbook: EPA Region 10's Guide to Analyzing Your Watershed	US Environmental Protection Agency	Jul-03		EPA 910-B-03-003, 100 pgs	http://yosemite.epa.gov/R10/OI.NSF/34090d07b77d50bd88256b79006529e8/642397cf31d9997388256d66007d53a7?OpenDocument
765	National Water Quality Trading Assessment Handbook	US Environmental Protection Agency	Nov-04	Handbook	EPA 841-B-04-001	http://www.epa.gov/owow/watershed/trading/handbook/
766	Water Quality Trading Assessment Handbook: EPA Region 10's Guide to Analyzing Your Watershed	US Environmental Protection Agency	Jul-03	Handbook	EPA 910-B-03-003, 100 pgs	http://yosemite.epa.gov/R10/OI.NSF/34090d07b77d50bd88256b79006529e8/642397cf31d9997388256d66007d53a7?OpenDocument

#	Title	AAA Author	Pub. Date	Type	Publisher	Comments
767	National Water Quality Trading Assessment Handbook	US Environmental Protection Agency	Nov-04	Handbook	EPA 841-B-04-001	http://www.epa.gov/owow/watershed/trading/handbook/
768	Shepherd Creek, OH Case Study	US Environmental Protection Agency		Web page	US Environmental Protection Agency	
769	National Management Measures to Protect and Restore Wetlands and Riparian Areas for the Abatement of Nonpoint Source Pollution	US Environmental Protection Agency	Jul-05		EPA 841-B-05-003, US Environmental Protection Agency Office of Water, Washington, DC. July 2005.	http://www.epa.gov/owow/nps/wetmeasures/
770	Sharing the Load: Ef uent Trading for Indirect Dischargers	US Environmental Protection Agency, New Jersey Department of Environmental Protection, and Passaic Valley Sewerage Commissioners	May-98	Paper	U.S. EPA, Office of Policy Planning and Evaluation, with New Jersey Department of Environmental Protection and Passaic Valley Sewerage Commissioners. EPA-231-R-98-003	
771	The Twenty Needs Report: How Research Can Improve the TMDL Program	US Environmental Protection Agency, Office of Water	2002	Report	EPA841-B-02-002, US Environmental Protection Agency Office of Water, Washington DC (43 pp). 2002.	http://www.epa.gov/owow/tmdl/20needsreport_8-02.pdf
772	Improving Air Quality with Economic Incentive Programs	US EPA	2001		Office of Air and Radiation. EPA-425/R-01-001.	
773	Better Assessment Science Integrating Non-Point Sources (BASINS)	US EPA	2003		US EPA	http://www.epa.gov/ostwater/BASINS/index.html.
774	Polluted Runoff (Nonpoint Source Pollution): Clean Water Act Section 319	US EPA	Oct-05	Website	US EPA, Office of Water. October, 2005.	http://www.epa.gov/owow/nps/cwact.html. Home page for the Clean Water Act Section 319 with links and information on grants, case studies and policy directions.
775	Introduction to the Clean Water Act	US EPA	Mar-03	Website	US EPA, Watershed Academy Web. March 2003.	http://www.epa.gov/watertrain/cwa/index.htm. Online tutorial on the Clean Water Act.
776	Guiding Principles for constructed Treatment Wetlands: Providing for Water Quality and Wildlife Habitat	US EPA	Oct-00		Office of Wetlands, Oceans and Watersheds. Washington, DC, EPA 843-B-00-003, October 2000.	Introduces guiding principles for planning, sitting, design, construction, operation, maintenance and monitoring of constructed treatment wetlands. Provides information on current Agency policies, permits, regulations and resources.
777	Manual: Constructed Wetlands Treatment of Municipal Wastewaters	US EPA	2000		EPA/625/R-99/010. Office of Research and Development, Cincinnati, OH.	
778	Free Water Surface Wetlands for Wasterwater Treatment: A Technology Assessment	US EPA	1999		EPA 832-S-99-001. Office of Wastewater Management, Washington, DC.	

#	Title	AAA Author	Pub. Date	Type	Publisher	Comments
779	Section 319 Nonpoint Soucre Program Success Story, North Carolina, Tar-Pamlico Basin Agricultural Management Strategy	US EPA, Office of Water Quality	Jul-05	Case Study	US EPA, Office of Water Quality, EPA 841-F-05-0048	http://www.epa.gov/nps/Success319/state/nc_tar.htm
780	Endenton Stormwater Wetland Project: Wetland Systems Reduce Nitrogen Concentrations	US EPA, Office of Water Quality	Accessed		Section 319 Success Stories, Vol. III	
781	Nutrient Profiles in the Everglades: Examination Along the Eutrophication Gradient	Vaithiyanathan, P. and C.J. Richardson	7-Oct-97		Science of the Total Environment. 1997 Oct 7;205(1):81-95.	
782	Simulation of the Effects of Nutrient Enrichment on Nutrient and Carbon Dynamics in a River Marginal Wetland	Van der Peijl, M. J., M.M.P. Van Oorschot, and J.T.A. Verhoeven	Oct-00		Ecological Modelling; 134(2-3): 169-184. October 30, 2000.	
783	A Model of Carbon, Nitrogen and Phosphorus Dynamics and Their Interactions in River Marginal Wetlands	Van der Peijl, M.J. and J.T.A. Verhoeven	Jun-99		Ecological Modelling; 118(2-3): 95-130. June 15, 1999.	
784	Carbon, nitrogen and phosphorus cycling in river marginal wetlands; model examination of landscape geochemical ows	van der Peijl, M.J. and J.T.A.Verhoeven	Jul-00		Biogeochemistry. July 2000. v. 50 (1) p. 45-71.	
785	Soil nitrogen dynamics in organic and mineral soil calcareous wetlands in eastern New York	Van Hoewyk, D., P.M. Groffman, E. Kiviat, G. Mihocko, and G. Stevens	Nov-Dec-00		Soil Science Society of America journal. Nov/Dec 2000. v. 64 (6) p. 2168-2173.	
786	Nitrogen Removal in Constructed Wetlands Treating Nitrified Meat Processing Ef uent	van Oostrom, A.J.	1995		Water Science and Technology, Volume 32, Issue 3, 1995, Pages 137-147	
787	An Operational Survey of a Natural Lagoon Treatment Plant Combining Macrophytes and Microphytes Basins	Vandevenne, Louis	1995		Water Science and Technology, Volume 32, Issue 3, 1995, Pages 79-86	
788	Emergent Plant Decomposition and Sedimentation: Response to Sediments Varying in Texture, Phosphorus Content and Frequency of Deposition	Vargo, Sharon M., Robert K. Neely and Stephen M. Kirkwood	Aug-98		Environmental and Experimental Botany, Volume 40, Issue 1, August 1998, Pages 43-58	
789	Impact of drying and re-wetting on N, P and K dynamics in a wetland soil	Venterink, H., T.E. Davidsson, K. Kiehl, L. Leonardson	Jun-02		Plant and soil. June 2002. v. 243 (1) p. 119-130.	http://www.kluweronline.com/issn/0032-079X/contents
790	Nutrient Dynamics in Minerotrophic Peat Mires	Verhoeven, J.T.A.	1986		Aquatic Botany, Volume 25, 1986, Pages 117-137	
791	Evolving Environmental Policies and Asset Values: Nutrient Trading Schemes In The Netherlands	Vukina, T. and A. Wossink	6/25-27/1998		World Congress of Environmental and Resource Economists, Venice,	no copy or abstract found
792	Horizontal Sub-surface Flow and Hybrid Constructed Wetlands Systems for Wastewater Treatment	Vymazal, Jan	Dec-05		Ecological Engineering; 25(5): 478-790. Dec. 1, 2005.	

#	Title	AAA Author	Pub. Date	Type	Publisher	Comments
793	The Use of Sub-surface Constructed Wetlands for Wastewater Treatment in the Czech Republic: 10 Years Experience	Vymazal, Jan	Jun-02		Ecological Engineering; 18(5): 633-646. June 2002.	
794	Constructed Wetlands for Wastewater Treatment in the Czech Republic the First 5 Years Experience	Vymazal, Jan	1996		Water Science and Technology, Volume 34, Issue 11, 1996, Pages 159-164	
795	Constructed Wetlands for Wastewater Treatment in the Czech Republic: State of the Art	Vymazal, Jan	1995		Water Science and Technology, Volume 32, Issue 3, 1995, Pages 357-364	
796	Nutrient Trading: Harnessing Commerce as a Tool to Control Water Pollution	Wall, Roland	unknown	Report	Academy of Natural Sciences Web site	http://www.acnatsci.org/education/kye/pp/kye7152004.html
797	Vegetation management to stimulate denitrification increases mosquito abundance in multipurpose constructed treatment wetlands	Walton, W.E. and J.A. Jiannino	Mar-06		Journal of the American Mosquito Control Association. 2005 Mar., v. 21, no. 1, p. 22-27.	
798	Phosphorus Credit Trading in the Cherry Creek Basin: An Innovative Approach	Water Environment Research Foundation	2000	Paper	Water Environment Research Foundation 130 pages. Soft cover.	Comprehensively documents the development and implementation of the Cherry Creek Basin Water Quality Authority's trading program in Denver, Colorado, while highlighting several other trading programs. By identifying the similarities and differences in program design and linking those key elements to scientific, economic, and institutional conditions in the watershed community, this report examines some lessons, guidelines, and patterns emerging from the growing field of trading. Paper available for purchase at: http://www.werf.org/AM/Template.cfm?Section=Research_Profile&Template=/CustomSource/Research/PublicationProfile.cfm&id=97-IRM-5a
799	Phosphorus Credit Trading in the Kalamazoo River Basin: Forging Nontraditional Partnerships	Water Environment Research Foundation	2000	Paper	Water Environment Research Foundation 282 pages. Soft cover.	Describes a program of watershed-based trading intended to reduce phosphorus and sediment loading in selected reaches of the Kalamazoo River in Michigan. Examines the environmental and economic benefits of trading between point and nonpoint sources. Identifies policy issues and technical design elements vital to the design of a statewide water quality trading program.
800	Phosphorus Credit Trading in the Fox-Wolf Basin: Exploring Legal, Economic, and Technical Issues	Water Environment Research Foundation	2000	Paper	Water Environment Research Foundation 110 pages. Soft cover.	Describes the pursuit of watershed-based trading by Fox-Wolf Basin 2000, a nonprofit watershed alliance in northeastern Wisconsin. Examines the region's history of water quality problems, analyzes legal and economic issues connected with trades, and describes preliminary work commenced in each basin toward establishment of total maximum daily loads.
801	Nitrogen Credit Trading in Maryland: A Market Analysis for Establishing a Statewide Framework	Water Environment Research Foundation	2002	Paper	Water Environment Research Foundation 90 pages. Soft cover.	This report explores whether a market for nitrogen credits could help wastewater treatment plants in Maryland achieve cost-effective water quality objectives. The results of this study indicate that, compared with approaches that require all plants to attain equal nitrogen concentrations, trading options could achieve the same environmental objectives while saving millions of dollars. Non-WERF subscribers can order hard copies of this report for $65.00 each plus postage and handling. To order copies, contact David Morroni at 703-684-2470.

#	Title	AAA Author	Pub. Date	Type	Publisher	Comments
802	Nitrogen Credit Trading in the Long Island Sound Watershed	Water Environment Research Foundation	2002	Paper	Water Environment Research Foundation 132 pages. Soft cover.	Part of the Water Environment Research Foundation's ongoing Watershed-Based Trading Demonstration Project, this study tracks a watershed-based trading program in the Long Island Sound in Connecticut, U.S.A. to help other municipalities develop and implement trading programs of their own. Nitrogen ef u-ent credit trading offers an equitable and cost-saving approach for major point sources to meet nitrogen reduction requirements and Total Maximum Daily Load (TMDL) limits.
803	Phosphorus Credit Trading in the Kalamazoo River Basin: Forging Nontraditional Partnerships	Water Environmental Research Foundation	2000		Water Environmental Research Foundation. 2000. 282 pages.	Describes a program of watershed-based trading intended to reduce phosphorus and sediment loading in selected reaches of the Kalamazoo River in Michigan. Examines the environmental and economic benefits of trading between point and nonpoint sources. Identifies policy issues and technical design elements vital to the design of a statewide water quality trading program. Published by WERF. 2000. 282 pages. Soft cover https://www.werf.org/acb/showdetl.cfm?st=0&st2=0&st3=0&DID=7&Product_ID=186&DS_ID=3
804	Modelling the Impact of Historical Land Uses on Surface-water Quality Using Groundwater Flow and Solute-transport Models	Wayland, Karen G., David W. Hyndman, David Boutt, Bryan C. Pijanowski, and David T. Long	Sep-02	Paper	Lakes and Reservoirs: Research and Management, Volume 7, Issue 3, Page 189-199, Sep 2002	
805	Laboratory assessment of atrazine and uometuron degradation in soils from a constructed wetland	Weaver, M.A., R.M. Zablotowicz, M.A. Locke	Nov-04		Chemosphere. 2004 Nov., v. 57, issue 8, p. 853-862.	
806	In situ removal of dissolved phosphorus in irrigation drainage water by planted oats: preliminary results from growth chamber experiment	Wen, L. and F. Recknagel	Jun-02		Agriculture, Ecosystems & Environment. June 2002. v. 90 (1) p. 9-15.	
807	Fundamental Processes Within Natural and Constructed Wetland Ecosystems: Short-term Versus Long-term Objectives	Wetzel, R.G.	2001		Water Science Technology. 2001;44(11-12):1-8.	
808	Impacts of Freshwater Wetlands on Water Quality: A Landscape Perspective	Whigham, D.F., C. Chitterling, and B. Palmer	1988	Abstract	Environmental Management 12:663-671	
809	Nitrification and denitrification rates of everglades wetland soils along a phosphorus-impacted gradient	White, J.R. and K.R. Reddy	Nov-Dec-03		Journal of environmental quality. 2003 Nov-Dec, v. 32, no. 6, p. 2436-2443.	
810	In uence of selected inorganic electron acceptors on organic nitrogen mineralization in Everglades soils	White, J.R. and K.R. Reddy	May-Jun-01		Soil Science Society of America journal. May/June 2001. v. 65 (3) p. 941-948.	
811	In uence of phosphorus loading on organic nitrogen mineralization of everglades soils	White, J.R. and K.R. Reddy	Jul-Aug-00		Soil Science Society of America Journal. Jul/Aug 2000. v. 64 (4) p. 1525-1534.	

#	Title	AAA Author	Pub. Date	Type	Publisher	Comments
812	In uence of hydrologic regime and vegetation on phosphorus retention in Everglades stormwater treatement area wetlands	White, J.R., K.R. Reddy and M.Z. Moustafa	2004	Report	Hydrological Processes, 18, 343-355	
813	Enhancement of Nitrogen Removal in Subsurface Flow Constructed Wetlands Employing a 2-stage Configuration, an Unsaturated Zone, and Recirculation	White, Kevin D.	1995		Water Science and Technology, Volume 32, Issue 3, 1995, Pages 59-67	
814	Rapid Removal of Nitrate and Sulfate in Freshwater Wetland Sediments	Whitmire, S.L. and S.K. Hamilton	Oct-05		Journal of Environmental Quality, 34 (6): 2062-71. Nov-Dec 2005	
815	Sulphate Reduction and the Removal of Carbon and Ammonia in a Laboratory-scale Constructed Wetland	Wiessner, A., U. Kappelmeyer, P. Kuschk, and M. Kästner	Nov-05		Water Research; 39(19): 4643-4650. Nov 2005.	
816	In uence of the redox condition dynamics on the removal efficiency of a laboratory-scale constructed wetland	Wiessner, A., U. Kappelmeyer, P. Kuschk, M. and Kästner	Jan-05		Water Research. 2005 Jan., v. 39, issue 1, p. 248-256.	
817	Denitrification enzyme activity of fringe salt marshes in New England (USA)	Wigand, C., R.A. McKinney, M.M. Chintala, M.A. Charpentier, and P.M. Groffman	May-Jun-04		Journal of Environmental Quality. 2004 May-June, v. 33, no. 3, p. 1144-1151.	
818	Tissue nutrient signatures predict herbaceous-wetland community responses to nutrient availability	Willby, N.J., I.D. Pulford, and T.H. Flowers	Dec-01		New phytologist. Dec 2001. v. 152 (3) p. 463-481.	
819	Simulating ow in regional wetlands with the mod ow wetlands package	Wilsnack, M.M., D.E. Welter, A.M. Montoya, J.I. Restrepo, and J. Obeysekera	Jun-01		Journal of the American Water Resources Association / June 2001. v. 37 (3) p. 655-674.	http://www.awra.org/jawra/index.html
820	First Annual Report to the Governor on Wisconsin Pollutant Trading Pilot Studies	Wisconsin Department of Natural Resources	Sep-98	Report	Wisconsin Department of Natural Resources	
821	Second Annual Report to the Governor on Wisconsin Pollutant Trading Pilot Studies	Wisconsin Department of Natural Resources	Sep-99	Report	Wisconsin Department of Natural Resources	
822	Agricultural Nutrient Inputs to Rivers and Groundwaters in the UK: Policy, Environmental Management and Research Needs	Withers, P.J. and El Lord	Jan-02	Paper	Sci Total Environ. 2002 Jan 23;282-283:9-24. PMID: 11852908	This paper discusses agricultural nutrient inputs to rivers in the UK through description of resent field research on nutrient loss, the need for integrated management approaches which include both N and P, the vulnerability of land use and adoption of safe management options in relation to landscape characteristics and the sensitivity of the watercourse along its reach. For P, the identification of vulnerable zones represents a step forward to the management of the river basin in smaller definable units, which can provide a focus for safe management practices. This requires a better understanding of the linkages between nutrient sources, transport and impacts and is considered an urgent research priority.

#	Title	AAA Author	Pub. Date	Type	Publisher	Comments
823	Nitrogen Removal from Pretreated Wastewater in Surface Flow Wetlands	Wittgren, Hans B. and Scott Tobiason	1995		Water Science and Technology, Volume 32, Issue 3, 1995, Pages 69-78	
824	Adaptation of wastewater surface ow wetland formulae for application in constructed stormwater wetlands	Wong, T. H. F. and W. F. Geiger	1997		Ecological Engineering 9:187-202.	
825	Preliminary Preview for a Geographic and Monitoring Program Project: A Review of Point Source–Nonpoint Source Ef uent Trading/Offset Systems in Watersheds	Wood, Alexander and Richard Bernknopf	2003	Paper	Open-File Report 03-79 2003 U.S. Department of the Interior U.S. Geological Survey	This is a USGS report that reviews the factors affecting the potential for instituting watershed-based trading to improve water quality. An overview of successful and failed programs is provided, as is a description of an offset feasibility study for mercury TMDLs in the Sacramento watershed. Three case studies are reviewed; Dillon, Tar-Pamlico, Clear Creek. Optimal conditions for water quality trading are listed and described. http://pubs.usgs.gov/of/2003/of03-079/Wood_OFR03-79.pdf
826	Market-Based Solutions to Environmental Problems	Woodward, R.T.	Feb-00	Invited paper	Southern Agricultural Economic Association, Annual Meeting	http://agecon2.tamu.edu/people/faculty/woodward-richard/paps/SAEA-MB.pdf
827	Market Structures for U. S. Water Quality Trading	Woodward, R.T. and R.A. Kaiser	2002	Paper	Review of Agricultural Economics, 2002	
828	The Structure and Practice of Water Quality Trading Markets	Woodward, R.T., R.A. Kaiser, and A.B. Wicks	2002		Journal of the American Water Resources Association; 38: 967-979. 2002	http://www.findarticles.com/p/articles/mi_qa4038/is_200208/ai_n9118352
829	Trading Research of Richard T. Woodward, Department of Agricultural Economics Texas A&M University	Woodward, Richard T.		List of Publications	Texas A&M University, Department of Agricultural Economics	
830	Flax Pond ecosystem study: exchange of phosphorus between as salt marsh and the coastal waters of Long Island Sound	Woodwell, G.M. and D.E. Whitney	1977		Marine Biology 41:1-6.	
831	Emergence patterns of Culex mosquitoes at an experimental constructed treatment wetland in southern California	Workman, P.D. and W.E. Walton	Jun-00		Journal of the American Mosquito Control Association. June 2000. v. 16 (2) p. 124-130.	
832	Effect of Pond Shape and Vegetation Heterogeneity on Flow and Treatment Performance of Constructed Wetlands	Wörman, Anders and Veronika Kronnäs	Jan-06		Journal of Hydrology; 301(1-4): 123-138. Jan 2005.	
833	Emissions Trading: An NGO Perspective	Worthington, Bryony	3/16-18/2004	Presentation	Senior Campaigner, Friends of the Earth	http://www.inece.org/emissions/worthington.pdf
834	An Evaluation of Cost and Benefits of Structural Stormwater Best Management Practices	Wossink, Ada and Bill Hunt	Nov-05	Fact Sheet	North Carolina Cooperative Extension Service	http://www2.ncsu.edu/unity/lockers/users/g/gawossin/stormwaterBMPFactsheet.pdf
835	The Economics of Structural Stormwater BMPs in North Carolina	Wossink, Ada and Bill Hunt	2003	Paper	WRRI Research Report Number 344	http://www.ag-econ.ncsu.edu/faculty/wossink/outreach.html.
836	Natural Systems for Wastewater Treatment; Manual of Practice FD-16	WPCF	1990	Abstract	Water Pollution Control Federation, Alexandria, VA	

#	Title	AAA Author	Pub. Date	Type	Publisher	Comments
837	Decomposition of Emergent Macrophyte Roots and Rhizomes in a Northern Prairie Marsh	Wrubleski, Dale A., Henry R. Murkin, Arnold G. van der Valk and Jeffrey W. Nelson	Sep-97		Aquatic Botany, Volume 58, Issue 2, September 1997, Pages 121-134	
838	Development of a Constructed Subsurface- ow Wetland Simulation Model	Wynn, Theresa Maria and Sarah K. Liehr	Feb-01		Ecological Engineering; 16(4): 519-536. February 1, 2001.	
839	Removal Efficiency of the Constructed Wetland Wastewater Treatment System at Bainikeng, Shenzhen	Yang, Yang, Xu Zhencheng, Hu Kangping, Wang Junsan and Wang Guizhi	1995		Water Science and Technology, Volume 32, Issue 3, 1995, Pages 31-40	
840	Estimating the Effectiveness of Vegetated Floodplains: Wetlands as Nitrate-nitrite and Orthophosphorus Filters	Yates, P. and J.M. Sheridan	May-83		Agriculture, Ecosystems & Environment, Volume 9, Issue 3, May 1983, Pages 303-314	
841	Non-Point Pollution from China's Rural Areas and Its Countermeasures	Yin, C.Q., C.F. Yang, B.Q. Shan, G.B. Li, and D.L. Wang	2001		Water Science Technology. 2001;44(7):123-8.	
842	The Nutrient Retention by Ecotone Wetlands and their Modification for Baiyangdian Lake Restoration	Yin, Chengqing and Zhiwen Lan	1995		Water Science and Technology, Volume 32, Issue 3, 1995, Pages 159-167	
843	Plowing New Ground: Using Economic Incentives to Control Water Pollution from Agriculture	Young, T. and C. Congdon	1994	Paper	Environmental Defense Fund	
844	Protecting a Wildlife Refuge Through Selenium Reductions	Young, Terry	Jul-03	PowerPoint		2003 National Forum on Water Quality Trading
845	Nitrous oxide and methane emissions from different soil suspensions: effect of soil redox status	Yu, K.W., Z.P. Wang, A. Vermoesen, W.H. Patrick, Jr., and O. van Cleemput	Jul-01		Biology and fertility of soils. July 2001. v. 34 (1) p. 25-30.	
846	A Framework for Pollutant Trading During the TMDL Allocation Phase	Zaidi, A.Z., S.M. deMonsabert, R. El-Farhan, and S. Choudhury	2004	Conference Paper	George Mason University, Fairfax, VA. 2004.	Paper for the American Society of Agricultural Engineers Annual Conference http://mason.gmu.edu/~azaidi/ASAE04.pdf
847	Practical Case Studies of Actual Water Pollutant Trading Programs. Market Based Trading for Water & Wetlands	Zander, B.	7/15-16/1996	Case Study	U.S. EPA; Denver	
848	Optimal Trading Between Point and Nonpoint Sources of Phosphorus in the Chatfield Basin, Colorado	Zander, B. and K. Little	Jun-96	Proceedings	Watersheds '96. Water Environment Federation and U.S. EPA	http://www.epa.gov/owowwtr1/watershed/Proceed/little.html
849	Air/Water Exchange of Mercury in the Everglades I: The Behavior of Dissolved Gaseous Mercury in the Everglades Nutrient Removal Project	Zhang, H. and S.E. Lingberg	2-Oct-00		Science of the Total Environment. 2000 Oct 2;259(1-3):123-33.	

#	Title	AAA Author	Pub. Date	Type	Publisher	Comments
850	Effects of Plants on Nitrogen/Phosphorus Removal in Subsurface Constructed Wetlands	Zhang, R.S., G.H. Li, Z. Zhou, and X. Zhang	Jul-05		Huan Jing Ke Xue,26(4): 83-6. July 2005	
851	Sulfur:Limestone Autotrophic Denitrification Processes for Treatment of Nitrate-contaminated Water: Batch Experiments	Zhang, Tian C. and David G. Lampe	Feb-99		Water Research; 33(3): 599-608. February 1999.	
852	A water chemistry assessment of wastewater remediation in a natural swamp	Zhang, X., S.E. Feagley, J.W. Day, W.H. Conner, I.D. Hesse, J.M. Rybczyk, and W.H. Hudnall	Nov-Dec-00		Journal of environmental quality. Nov/Dec 2000. v. 29 (6) p. 1960-1968.	
853	Purification Capacity of a Highly Loaded Laboratory Scale Tidal Flow Reed Bed System with Ef uent Recirculation	Zhao, Y.Q., G. Sun, and S.J. Allen	Sep-04		Science of The Total Environment; 330(1-3): 1-8. Sept 2004.	
854	Nitrogen retention and release in Atlantic white cedar wetlands	Zhu, W.X. and J.G. Ehrenfeld	Mar-Apr-00		Journal of environmental quality. Mar/Apr 2000. v. 29 (2) p. 612-620.	
855	Exploring Trading to Restore Base Flow in the Charles River	Zimmerman, Robert	Jul-03	PowerPoint		2003 National Forum on Water Quality Trading
856	Aspects of methane ow from sediment through emergent cattail (Typha latifolia) plants	Yavitt, J. B. & Knapp, A. K.	Jul-98	Paper	New Phytologist Volume 139 Page 495 - July 1998 doi:10.1046/j.1469-8137.1998.00210.x Volume 139 Issue 3	In this paper, the ow of methane is measured in Typha latifolia L. (cattail)-dominated wetlands from microbial production in anoxic sediment into, through, and out of emergent T. latifolia shoots (i.e. plant transport). The purpose was to identify key environmental and plant factors that might affect rates of methane ef ux from wetlands to the Earth's atmosphere. http://www.blackwell-synergy.com/doi/abs/10.1046/j.1469-8137.1998.00210.x
857	Review and assessment of methane emissions from wetlands.	Bartlett, KB and Harriss, RC	1993	Paper	Chemosphere. Vol. 26, no. 1-4, pp. 261-320. 1993	In this report, we review progress on estimating and understanding both the magnitude of, and controls on, emissions of CH sub(4) from natural wetlands. We also calculate global wetland CH sub(4) emissions using this extensive ux data base and the wetland areas compiled and published by Matthews and Fung (1987). http://www.csa.com/partners/viewrecord.php?requester=gs&collection=ENV&recid=2883945

#	Title	AAA Author	Pub. Date	Type	Publisher	Comments
858	Global carbon exchange and methane emissions from natural wetlands: Application of a process-based model	Cao, Mingkui; Marshall, Stewart; Gregson, Keith	Jun-96	Paper	Journal of Geophysical Research, Volume 101, Issue D9, p. 14399-14414	This study used a methane emission model based on the hypothesis that plant primary production and soil organic matter decomposition act to control the supply of substrate needed by methanogens; the rate of substrate supply and environmental factors, in turn, control the rate of CH4 production, and the balance between CH4 production and methanotrophic oxidation determines the rate of CH4 emission into the atmosphere. The model was used to calculate spatial and seasonal distributions of CH4 emissions at a resolution of 1° latitude×1° longitude. The calculated net primary production (NPP) of wetlands ranged from 45 g C m-2yr-1 for northern bogs to 820 g C m-2yr-1 for tropical swamps. Sensitivity analysis showed that the response of CH4 emission to climate change depends upon the combined effects of soil carbon storage, rate of decomposition, soil moisture and activity of methanogens. http://adsabs.harvard.edu/cgi-bin/nph-bib_query?bibcode=1996JGR...10114399C&db_key=PHY&data_type=HTML&format=
859	Economic Linkages Between Coastal Wetlands and Water Quality: A Review of Value Estimates Reported in the Published Literature	Kazmierczak, R.F.	2001		Unpublished Research Paper, 22 p.	
860	Using Surveys to Value Public Goods: The Contingent Valuation Method	Mitchell, R.C. and R.T. Carson	1989		Resources for the Future, Washington, DC p. 4-5.	
861	The economic value of wetland services: a meta-analysis	Woodward, RT and Wui, Y.	2000	Paper	Ecological Economics 37 (2001) p. 257-270.	
862	Getting paid for stewardship: An agricultural community water quality trading guide	Conservation Technology Information Center	2006	Paper	Conservation Technology Information Center	
863	Nutrient Trading: Improving Water Quality Through Market-Based Incentives	World Resources Institute	2004	Paper	WRI Annual Report 2003. World Resources Institute.	
864	Lessons About Ef uent Trading from a Single Trade	Woodward, R.T and R.C. Bishop	2003	Journal Article	Review of Agricultural Economics, 2003.	
865	Lessons Learned from the Trading Pilots: Applications for Wisconsin Water Quality Trading Policy	Kranmer, J. M. and Resource Strategies, Inc.	Jul-03	Paper	Resource Strategies, Inc.	
866	A Feasibility Analysis of Applying Water quality Trading in Georgia Watersheds	Rowles, K. and Georgia Water Planning and Policy Center	Jun-05	Working Paper	Georgia Water Planning and Policy Center	
867	Water Quality Trading in the Lower Delaware River Basin: A Resource for Practitioners	Institute for Environmental Studies	Mar-06	Report	Institute for Environmental Studies	
868	Trading on Water	Greenhalgh, S. and P. Faeth	2001	Article	Forum for Applied Research and Public Policy	

#	Title	AAA Author	Pub. Date	Type	Publisher	Comments
869	Policy Options for Reducing Phosphorus Loading in Lake Champlain: Final Report to the Lake Champlain Basin Program	Winsten, J.; Greenwood, K.; Hession, C.; Johnstone, S.; Jokela, W.; Kleinman, P.; Meals, D.; Michauld, A.; Parsons, R.; Pease, J.; sharpley, A. and E. Thomas	2004	Report	Lake Champlian Basin Program	This report describes the processes and outcomes of the project titled 'Developing and Assessing Policy Options for Reducing Phosphorus Loading in Lake Champlain.' The goal of this project was to facilitate the achievement of the long-term P reduction goals set for Lake Champlain through the development of innovative policy strategies for agricultural land.
870	Economic and Environmental Implications of Phosphorus Control at North Bosque River (Texas) Wastewater Plants	Keplinger, K.	Jul-03	Report	Texas Institute for Applied Environmental Research	
871	Implementation of the EPA's Water Quality Trading Policy for Storm Water Management and Smart Growth	Trauth, K.M. and Yee-Sook Shin	Dec-05	Journal Article	Journal of Urban Planning and Development, Volume 131, Issue 4, pp. 258-269.	
872	The Economics of Total Maximum Daily Loads	Keplinger, K.	Feb-03	Report	Texas Institute for Applied Environmental Research	
873	National Forum on Synergies Between Water Quality Trading and Wetland Mitigation Banking	Environmental Law Institute	Jan-06	Report	Environmental Law Institute	The National Forum on Synergies Between Water Quality Trading and Wetland Mitigation Banking report summarizes the discussions from the Forum, held July 11-12, 2005, in Washington DC.
874	The Potential for Water Quality Trading in Ohio	Sohngen, B.	2005		Ohio Environment Report: Volume 3, Issue 1. OSU Extension Program.	

SCIENCE

National Risk Management Research Laboratory
Cincinnati, OH 45268

Official Business
EPA/600/R-06/155
July 2007