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**Name:** Craft, Christopher Bruce

**Education:** Ph.D., Soil Science, North Carolina State University. 1987.  
Dissertation Title: Sources, accumulation and tidal exchange of nitrogen, phosphorus and organic carbon in transplanted estuarine marshes.  
M.S., Ecology, University of Tennessee. 1983.  
Thesis Title: Hydrogen and sulfate additions to the forest floor and their effects on soil and litter arthropods.  
B.A., Biology, University of North Carolina-Asheville. 1980.

**Academic Appointments:** Duey-Murphy Professor of Rural Land Policy  
Professor, School of Public and Environmental Affairs, Indiana University (July 1, 2008 - present)

Associate Professor, School of Public and Environmental Affairs,  
Indiana University (August 15, 1999 – June 30 2008)

Adjunct Professor, University of Louisville (1997-1998)  
Adjunct Professor, University of Notre Dame (1997-2000)  
Adjunct Professor, North Carolina State University (1998-2002)  
Adjunct Professor, University of Georgia (1999-present)  
Adjunct Professor, Geology Dept., Indiana Univ. (2000-present)  
Adjunct Professor, Biology Dept., IU (2003-present)

Assistant Professor, Biology Department, University of Louisville,  
(Jan. 1 1996 - August 31 1997)

Adjunct Professor, University of Michigan Biological Station  
(Summer 1997)

Research Assistant Professor, School of the Environment,  
Duke University (1992-1996)

**Post-doctoral Experience:** Research Associate, School of the Environment, Duke University  
(1989-1992)

Research Associate, Department of Botany, North Carolina State  
University (1987-1989).

**Other Appointments:** Assistant Scientist, Joseph W. Jones Ecological Research Center  
(Sept. 1 1997 - August 15 1999)

**Professional Societies:** American Association for the Advancement of Science  
Ecological Society of America  
Estuarine Research Federation  
INTECOL – The International Association for Ecology  
Society of Wetland Scientists  
Soil Science Society of America  
Wisconsin Wetlands Association

**Certifications:** Professional Wetland Scientist (PWS). 2007-present.

**Honors:** Hugh Hammond Bennett Award in Soil Conservation and Environmental Quality. Presented by the North Carolina Association of Soil and Water Conservation Districts. 1987.

Visiting Professor for Senior International Scientists of the Chinese Academy of Sciences. 2010-present

**Teaching Assignments:** Indiana University: Wetlands Ecology (1999-present)  
Applied Ecology (2000-present)  
Environment & People (2000, 2006-present)  
Restoration Ecology (2001-present)  
Organizer, Environmental Science and Policy Seminar (2003-2004)

Jones Center: Hydric Soils (short-course, July 1998)

Univ. of Michigan: Field Wetlands Ecology  
(summer 1997, Biological Station)

Univ. of Louisville: Environmental Science (1996)  
Wetlands Ecology (1996)  
Introduction to Ecology (1997)

Duke University: Applied Ecology (1990-1992, co-instructor)  
Soil Resources (1993)  
Wetland Field Skills (1994-1995)  
Jurisdictional Wetland Delineation  
(short-course, 1995)

**Graduate Students:** Indiana University Brianna Richards (MSES, current)  
Kari Metcalf (MSES, current)  
Iza Redlinski (MSES, 2010)  
Nathan Knowles (MSES, 2010)

Sara Sutton (MSES, 2010)  
Wes Ket (MSES, 2010)  
Nick Tackett (MSES, 2009)  
Kristen Wardlaw (MSES, 2008)  
Mark Loomis (MSES, 2008)  
Jon Shelby (MSES, 2007)  
Josh Frost (MSES, 2007)  
Kandice Krull, MSES, 2006)  
Tymeri Schleicher (MSES, 2005)  
Josh Hall (MSES, 2005)  
Kristie Overberg (MSES, 2003)  
Sean Graham (MSES, 2003)  
Chad Washburn (MSES, 2002)  
Angela Sturdevant (MSES, 2002)  
Mollie McIntosh (MSES, 2001)

Ellen Herbert (Ph.D, current)  
John Marton (Ph.D, current)  
Ross Brittain (Ph.D, 2009)  
Scott Struck (Ph.D, 2003)  
Lei Zheng (Ph.D, Mich. State U., 2003)  
Robert Freeze (Ph.D, NC State Univ., 2003)

Univ. of Louisville Judy Reader (MS, 1998)

Jones Center Fabio Sartori (Ph.D, Univ. of Georgia)

Duke University David Rogers (MEM, 1996)  
Keith Pilgrim (MEM, 1995)  
Connie Chiang (MEM, 1994)  
Sue Bartow (MEM, 1994)  
Jane Raikes (MEM, 1993)  
Lori Sutter (MEM, 1992)

**Service:**

University Committee Service:

SPEA Oversees Education Committee (SPEA, Indiana University, Jan. 1 2009-present)

Personnel Committee. (SPEA, Indiana University, Fall 2008-present)

SPEA Environmental Science Faculty Search Committee. Chair, Fall 2008.

Budgetary Affairs Committee. (SPEA, Indiana University, Fall 2007-present)

Policy Committee. (SPEA, Indiana University, Fall 2007-present)

General Education Committee. (Indiana University, Fall 2007-December 31 2009)

Environmental Science Faculty Search Committee, (Chancellor's Commitment to Excellence Program. Fall 2005)

Jordan River Renewal Working Group. IU Council for Environmental Stewardship (Jan. 2001-Dec. 31 2009)

Ph.D Admissions Committee (SPEA, Indiana University, Jan. 2005-Dec. 31 2009)

Fairness Committee (SPEA, Indiana University, Jan. 2002-Dec. 31 2009)

Strategic Directions Committee (SPEA, Indiana University, Jan. 2000-Dec. 31 2009)

MSES Admissions Committee (SPEA, Indiana University, Fall 1999-present)

Public Service (State and Local):

Georgia Department of Natural Resources. Brunswick, Georgia. Damage assessment, mitigation, creation of restoration of tidal marshes in Glynn County and elsewhere in coastal Georgia (June 2007-present)

The Nature Conservancy. Georgia. Modeling effects of climate change/sea level rise on TNC land holdings in coastal Georgia (April 2007-present)

Member, Georgia Coastal Resources Council. July 1 2006-present

Member, Wetland Science Advisory Group. Indiana Department of Environmental Management (August 1 2004-present)

Expert Assistance Pool, South Florida Water Management District. West Palm Beach, Florida. June 15 2001-present.

Advisor on wetlands issues: Monroe County Solid Waste Management District (Bloomington Indiana, Mar. 1 2001-present)

Public Service (National):

U.S. Fish and Wildlife Service. 2010. Land Management and Research Demonstration Carbon Sequestration Workshop. Duluth, MN. August 31-Sept. 2 2010.

U.S. Environmental Protection Agency. 2010. Workshop on Indicators of Final Ecosystem Services for Estuaries and Wetlands. Denver CO. June 7-10 2010.

California Climate Action Registry. Tidal wetland carbon sequestration and greenhouse gas emissions model. National Center for Ecological Analysis and Synthesis. UC-Santa Barbara, California. 2010-present.

Environmental Law Institute. Science Advisory Panel. Ecological Effectiveness of Compensatory Mitigation. Washington DC. August 1-present.

U.S. Army Corps of Engineers. Review of Mid-Chesapeake Bay Island Ecosystem Restoration. Nov. 1 2007-Dec. 31 2009.

U.S. Geologic Survey. Northern Gulf of Mexico SET Science Advisory Committee. Sept. 30 2007 – present.

National Oceanic and Atmospheric Administration (NOAA). NOAA Restoration Center, Natural resource damage assessment and restoration. Creation and restoration of tidal marsh habitat at the USEPA Superfund site, Brunswick, Georgia. July 2007-present.

U.S. Fish and Wildlife Service. Washington, D.C. Modeling effects of climate change/sea level rise on USFWS coastal reserves in Georgia and South Carolina. April 2007-present.

U.S. Department of Justice. United States v. Rapanos. January 2007-December 31 2009.

Wetlands Working Group: Developing Nutrient Criteria for Wetland Systems (USEPA, Washington DC, Fall 1999-present)

EPA Region 5 Nutrient Criteria Working Group. USEPA. Chicago, Illinois. Jan. 1 2000-present

Biological Assessment of Wetlands Working Group. USEPA, Washington DC. Jan. 1 2000-present.

Panel member: USEPA-NSF-USDA Water and Watersheds proposal review panel (Washington DC, August 23-25 1999)

#### Public Service (International):

Technical Expert. Sustainability of Water Resources in Estuarine and Coastal Environments, East China Normal University. October 9-24 2009. Shanghai, China.

Proposal and Report Writing Workshop for Environmental Practitioners: Keys to Effective Writing. United Nations Development Program/Global Environment Facility and Yellow Sea Large Marine Ecosystem Project. Ansan, Republic of Korea. October 22-23 2007.

#### Professional Service:

President, Society of Wetland Scientists. 2008-2009

Vice President/President-elect, Society of Wetland Scientists. 2007-2008.

Chair-elect, Division S-10 (Wetland Soils), Soil Science Society of America. 2002-2003.

Chair, Division S-10 (Wetland Soils), Soil Science Society of America. 2003-2004.

Past-Chair, Division S-10 (Wetland Soils), Soil Science Society of America. 2004-2005.

Associate Editor, *Wetlands* (Jan. 1 2007 – Jan. 1 2009)

Associate Editor, *Soil Science Society of America Journal* (Jan. 1 2004 – Jan. 1 2008)

## **Professional Activities:**

### Invited Seminars and Workshops:

**Technical Expert.** Blue Carbon Workshop. Nicholas Institute for Environmental Policy Solutions. Duke University. November 10-11 2010. Durham, NC.

**Keynote Speaker.** Climate change reduces the nitrogen sink capacity of tidal freshwater floodplain forests. International Workshop: eco-healthy estuaries – processes and response. October 20-23 2010. Qingdao, China.

Workshop participant. Tidal wetland carbon sequestration and greenhouse gas emissions model. National Center for Ecological Analysis and Synthesis. September 15-18 2010. UC-Santa Barbara, California.

Workshop participant. Land Management and Research Demonstration Carbon Sequestration Workshop. U.S. Fish and Wildlife Service. August 31 0-Sept 2 2010. Duluth, MN.

**Workshop Organizer:** NSF Tidal Marsh Accretion Modeling Workshop. July 28-29 2010. Sapelo Island, Georgia.

Workshop participant. Indicators of Final Ecosystem Services for Estuaries and Wetlands. U.S. Environmental Protection Agency. June 7-10 2010. Denver CO.

**Plenary Chair.** Peaks to Playas, 31<sup>st</sup> International Conference of the Society of Wetland Scientists. June 27-July 2 2010. Salt Lake City, Utah.

Moonlight on the Marsh Distinguished Lecture. Wilma H. Schiermier Olentangy River Wetland Research Park. The Ohio State University. May 12 2010. Columbus Ohio.

Earth and Environmental Sciences Department. Indiana University-Purdue University, Indianapolis. April 1 2010. Indianapolis, IN.

Workshop participant. Tidal wetland carbon sequestration and greenhouse gas emissions model. National Center for Ecological Analysis and Synthesis. March 24-27 2010. UC-Santa Barbara, California.

**CERF-SWS Joint Session Co-organizer** 2009. Response of wetlands to rising sea level: past, present and future. Coastal and Estuarine Research Federation 20<sup>th</sup> biennial conference. November 1-5 2009. Portland, Oregon.

**Invited Lecturer.** Sustainability of Water Resources in Estuarine and Coastal Environments, East China Normal University. October 9-24 2009. Shanghai, China.

USEPA. The Plight of Ecosystems in a Changing Climate: Impacts on Services, Interactions and Responses Workshop. May 27-28 2009. Seattle Washington.

USGS Tidal Marsh Modeling Workshop. San Francisco, California. December 12-13 2008.

School of Energy, Coast and the Environment. Louisiana State University, December 5 2008. Baton Rouge, Louisiana.

Biology Department. Kenyon College. Gambier, Ohio. November 20 2008.

**Plenary Speaker.** 3<sup>rd</sup> Annual meeting of the European Chapter of the Society of Wetland Scientists. June 29-July 3 2008. Kuressaare, Estonia.

Program in Biogeochemistry and Environmental Biocomplexity, Cornell University, Ithaca NY, March 7 2008.

Marine Sciences Program, University of South Carolina, Columbia SC. December 7 2007.

Belle Baruch Laboratory. University of South Carolina. Georgetown SC. December 6 2007.

**Workshop Leader:** Proposal and Report Writing Workshop for Environmental Practitioners: Keys to Effective Writing. United Nations Development Program/Global Environment Facility and Yellow Sea Large Marine Ecosystem Project. October 22-23 2007, Ansan, Republic of Korea.

**Keynote Speaker:** 2<sup>nd</sup> International Symposium on Wetland Pollutant Dynamics and Control (WETPOL). University of Tartu, Tartu, Estonia. September 16-20 2007.

Nicholas School of the Environment, Duke University. Durham NC. April 6 2007.

**Symposium Organizer:** Losing Ground? Impacts of Sea Level Rise on the Biogeochemistry of Tidal Marshes. 10<sup>th</sup> International Symposium on Wetland Biogeochemistry. April 1-4. Annapolis, Maryland. Co-organized with Mike Piehler, Institute of Marine Sciences, University of North Carolina, Chapel Hill, NC.

US EPA STAR Global Aquatic Ecosystem Services and Multi-stressor Workshop. Washington, DC. June 8-9 2006.

Czech Botanical Institute and ENKI o.p.s. Trebon, Czech Republic. (May 29 2006.)

Utrecht University, Departments of Geochemistry and Landscape Ecology. Utrecht, Netherlands. (May 23 2006)

**Invited Fellow,** The Nature Conservancy Efromson Workshop: Conservation Planning for Priority Bays and Estuaries along the Southeast Coast. April 10-13 2006. Savannah, Georgia.

Indiana University-School of Public and Environmental Affairs. Hurricane Katrina: The SPEA Perspective. (September 8 2005).

Workshop: Controls on sediment organic matter accumulation: comparison among wetland. NSF Long Term Ecological Research (LTER) All Scientists Meeting. Seattle, WA. (September 18-21 2003).

**Workshop Organizer:** “The scoop on dirt”: Soil organic matter: Patterns and processes in estuarine wetlands. 17<sup>th</sup> Biennial Conference of the Estuarine Research Federation. Seattle, WA. (September 14-18 2003).

USEPA, Evaluating Wetland Condition for Nutrient Criteria: An Outreach Workshop. Atlantic City NJ (March 25-28 2003).

University of Georgia, Warnell School of Forest Resources (March 20 2003).

Univ. of Maryland Horn Point Environmental Lab., Cambridge MD (March 19 2003).

DePaul University, Department of Environmental Science, Chicago IL (February 6 2003).

USEPA Region 5, Surface Water Monitoring and Standards (SWiMS) annual meeting. Chicago IL (February 6 2003).

**Keynote Speaker.** Nanjing International Wetlands Symposium. Wetland Restoration and Management: Addressing Asian Issues Through International Collaboration. Nanjing, China. (September 8-18 2002).

Smithsonian Environmental Research Center. Edgewater, MD. (Nov. 29 2001).

NSF sponsored workshop on Soil Organic Matter in Wetlands. Virginia Institute of Marine Sciences, Gloucester Point VA (July 26-29 2001).

Institute of Ecosystem Studies, Millbrook NY (March 23 2001)

Indiana University, Department of Biology (Jan. 30 2001)

Workshop: Regulation of organic matter preservation in wetland sediments. NSF Long Term Ecological Research (LTER) All Scientists Meeting. August 1-5 2000. Snowbird, Utah.

Christopher Newport University, Department of Biological and Environmental Sciences (March 17 1999)

University of Georgia, Institute of Ecology (May 22 1998)

University of Notre Dame, Department of Biological Sciences (April 1 1997)

Peer Reviewer (Journals):

*Biogeochemistry, Ecological Applications, Ecological Engineering, Ecology, Ecosystems, Environmental Management, Environmental Science and Technology, Estuarine Coastal and Shelf Science, Estuaries, Functional Ecology, Journal of Coastal Research, Journal*

*of Environmental Quality, Journal of Water, Air and Soil Pollution, Restoration Ecology, Soil Science Society of America Journal, Wetlands, Wetlands Ecology and Management*

Peer Reviewer (Proposals)

*National Science Foundation, U.S. Department of Agriculture-National Research Initiative, National Oceanic and Atmospheric Administration, University of Delaware Sea Grant, University of Maryland Sea Grant, Louisiana Sea Grant, Minnesota Sea Grant, CALFED-California Bay-Delta Authority and others*

**Grants:**

Saint Johns Water Management District (FL). Forms and amounts of soil phosphorus in tidal marshes, Saint Johns River, Northeast Florida. Sept 1 2010 – August 31 2011. Subcontract from the University of North Florida for \$2,000.

National Oceanic and Atmospheric Administration. Woodbridge River Restoration, Woodbridge NJ. September 22 2010 – August 31 2013. Subcontract from HDR Inc for \$44,405.

U.S. Environmental Protection Agency. Forecasting critical ecosystem services from measures of wetland condition at the watershed scale in freshwater wetlands of Pennsylvania and Ohio. September 1 2010 – August 31 2012. Subcontract from Kenyon College for \$28,220.

National Science Foundation. Towards a predictive understanding of coastal wetland response to sea level rise: Synthesis of data to test a model of tidal marsh accretion. NSF-sponsored workshop. January 1-December 31 2010. \$12,000.

Czech-American Cooperation. Czech Ministry of Sciences. Carbon sequestration in bogs and nutrient retention in wetlands. Cooperative agreement with Prof. Jan Vymazal. Czech University of Life Sciences. January 1 2009-December 31 2012. \$43,664 in-kind support from Indiana University

U.S. Department of the Interior, Everglades National Park. Peat accretion in Everglades mangrove-sawgrass ecotone communities. January 1-September 30 2009. \$9,610.

US Department of Agriculture (USDA). Ecosystem Services Derived from Wetland Conservation Practices in the Glaciated Interior Plains: the Provision of Water Quality Benefits. July 15 2008-July 14 2011. \$196,939.

USDOE, National Institute of Climatic Change Research. Effects of accelerated sea level rise and variable freshwater river discharge on water quality improvement functions of tidal freshwater floodplain forests. April 1 2008-August 31 2011. \$343,181.

South Florida Water Management District. Radiometric dating of tree island peat cores from the Florida Everglades. July 1 – October 31 2008. \$12,666.

National Science Foundation (NSF). LTER GCE II: Georgia land-ocean margin ecosystem. November 15 2006-November 2012. \$4,200,000. (IU subcontract from University of Georgia for \$143,912).

National Oceanic & Atmospheric Administration (NOAA). Characterization of passerine food source, trophic structure and habitat utilization on Sapelo Island Georgia using stable isotopes of C, N and H. May 1 2006-April 30 2009. \$60,000. Written by PhD student Ross Brittain.

NOAA, Sapelo Island National Estuarine Research Reserve. Dean Creek Monitoring Projects: Assessing the Biological and Physiological Effects of Long-term Hydrological alteration on a tidal salt marsh. May 1 2005-April 30 2006. \$12,000.

USEPA. (Effects of Climate Change on Ecosystem Services of Tidal marshes and Coral Reefs-Science To Achieve Results (STAR) Program. Effects of sea level rise and climate variability on ecosystem services of tidal marshes, South Atlantic Coast. April 1 2005-March 31 2009. \$749,974.

NPS (Everglades National Park). Radiometric dating of wetland soil cores to re-construct historical water levels and plant communities of the Florida Everglades. Jan. 1 2005-Dec. 31 2006. IU subcontract with Florida International University (FIU) for \$10,106.

USEPA (Cincinnati). Radiometric dating of tidal marsh soil cores to assess land-use legacies of the Chesapeake Bay. Jan. 1-Sept. 30 2004. \$4,950

USEPA (Washington DC). Validation of vegetation- and soils-based indicators of wetland nutrient condition: a multi-ecoregion approach. Sept. 1 2003-August 31 2005. \$99,095.

USFWS. Measuring nutrient storage and release potentials of natural and restored wetlands in the Upper Klamath Basin. July 13 2002-December 31 2004. \$64,040. IU subcontract with The Nature Conservancy (TNC) for \$48,017.

USEPA (Washington DC). Testing soils-based indicators of eutrophication using freshwater wetlands of Indiana. Sept. 1 2001-August 31 2002. \$29,999.

USEPA (Region 5-Chicago). Testing vegetation-based indicators of eutrophication using freshwater wetlands of Indiana. Sept. 1 2001-August 31 2002. \$49,666.

New Jersey Dept. of Environmental Protection/Office of Natural Resource Restoration. A Long-term monitoring program to evaluate the development of wetland structure and function following restoration of a *Spartina* spp. marsh along Woodbridge River, New Jersey. Sept. 1 2000-August 31 2005. \$190,464.

USEPA (Washington DC). Control of wetland carbon sequestration by climate: A latitudinal comparison of soil organic carbon accumulation in freshwater peatlands. August 1 2000-July 31 2001. \$11,931.

North Carolina Dept. of Transportation/Center for Transportation & the Environment. Effects of shading from bridges on estuarine wetlands. July 1 2000-June 30 2003. \$267,825. (IU subcontract from North Carolina State University for \$104,174).

NSF. Long-term Ecological Research – Georgia Land-ocean margin ecosystem. May 1 2000-April 30 2006. \$4,200,002. (IU subcontract from Univ. of Georgia for \$142,178).

USEPA (EPA/NASA Joint Program on Ecosystem Restoration-STAR Program). Wetland restoration in urbanizing coastal watersheds: Applying ecological succession theory to evaluate indicators and predict the development of wetland structure/function over time. 1997-2000. \$534,239.

NOAA (National Estuarine Research Reserve System). Restored salt marshes: evolution of wetland structure and function over time. 1995-1997. \$71,235.

Societie Nationale Elf Aquitaine. Radium-226 activity in cover crops grown on gypsum-clay blend. 1994. \$20,311.

## **Publications:**

### Journal Articles: (50)

Brittain, R.A., A. Schimmelmann and C.B. Craft. Food webs of coastal birds inferred from carbon and nitrogen stable isotopes. *Estuaries and Coasts*. In review.

Jun, Mi hee and C.B. Craft. Effects of Increased salinity and inundation on inorganic N and P sorption by tidal freshwater floodplain forest soils, Georgia (USA). *Estuaries and Coasts*. In review.

He, Y, X. Li, C. Craft, Z. Ma, Z. and Y Sun. 2011. Relationships between vegetation and environmental factors in newly formed tidal marshes of the Yangtze River estuary. *Wetlands Ecology and Management*. In press.

Fennessy, S. and C. Craft. 2011. Effects of agricultural conservation practices on wetland ecosystem services in the Interior Glaciated Plains. *Ecological Applications (Supplement)* 21:S49-S64.

Ket, W.A., J. P. Schubauer, and C. B. Craft. 2011. Effects of five years of nitrogen and phosphorus additions on a *Zizaniopsis miliacea* tidal freshwater marsh. *Aquatic Botany* 95:17-23

Brittain, R.A., C.B., V. Meretsky and C.B. Craft. 2010. Breeding densities and habitat relationships of avian species in coastal Georgia, USA, using distance sampling and indicator species analysis. *Wilson Journal of Ornithology* 122:532-544.

Tackett, N.W. and C.B. Craft. 2010. Ecosystem development on a coastal barrier island dune chronosequence. *Journal of Coastal Research* 26:736-742.

- Loomis, M.J. and C.B. Craft. 2010. Carbon sequestration and nutrient (N, P) accumulation in river-dominated tidal marshes, Georgia, USA. *Soil Science Society of America Journal* 74:1028-1037.
- Kazimierz Więski, Hongyu Guo, C. Craft and Steven C. Pennings. 2010. Ecosystem functions of tidal fresh, brackish and salt marshes on the Georgia coast. *Estuaries and Coasts* 33:161-169.
- Craft, C., J. Clough, J. Ehman, S. Joye, D. Park, S. Pennings, H. Guo and M. Machmuller. 2009. Forecasting the effects of accelerated sea level rise on tidal marsh ecosystem services. *Frontiers in Ecology and the Environment* 7:73-78.
- Krull, K. and C.B. Craft. 2009. Ecosystem development of a sandbar emergent tidal marsh, Altamaha River estuary, Georgia USA. *Wetlands* 29:314-322.
- Frost, J.W., T. Schleicher, and C. Craft. 2009. Effects of nitrogen and phosphorus additions on primary production and invertebrate densities in a Georgia (USA) tidal freshwater marsh. *Wetlands* 29:196-203.
- Webb, K., C. Craft and E. Elswick. 2008. The evaluation of freshwater western pearl mussel, *Margaritifera falcata* (Gould 1985), as a bioindicator through the analysis of metal partitioning and bioaccumulation. *Northwest Science* 82:163-173.
- Aldous, A.R., C.B. Craft, C.J. Stevens, M.J. Barry, and L.B. Bach. 2007. Soil phosphorus release from a restoration wetland, Upper Klamath Lake, Oregon. *Wetlands* 27:1025-1035.
- Craft, C., K. Krull and S. Graham. 2007. Ecological indicators of nutrient condition, freshwater wetlands, Midwestern United States (U.S.). *Ecological Indicators* 7:733-750.
- Craft, C.B. 2007. Freshwater input structures soil properties, vertical accretion and nutrient accumulation of Georgia and United States (U.S.) tidal marshes. *Limnology and Oceanography* 52:1220-1230.
- Cornell, J.A., C. Craft and J.P. Megonigal. 2007. Ecosystem gas exchange across a created salt marsh chronosequence. *Wetlands* 27:240-250.
- Graham, S.A., C.B. Craft, P. McCormick and A. Aldous. 2005. Forms and accumulation of soil P in natural and recently restored peatlands - Upper Klamath Lake, Oregon. *Wetlands* 25:594-606.
- Aldous, A., P. McCormick, C. Ferguson, S. Graham and C. Craft 2005. Hydrologic regime controls soil phosphorus fluxes in restoration and undisturbed wetlands. *Restoration Ecology* 13:341-347.
- Struck, S.D., C.B. Craft, S.W. Broome, M. SanClements and J.N. Sacco. 2004. Effects of bridge shading on estuarine marsh benthic invertebrate community structure and function. *Environmental Management* 34:99-111.

- Zheng, L., R.J. Stevenson and C. Craft. 2004. Changes in benthic algal attributes during salt marsh restoration. *Wetlands* 24:309-323.
- Craft, C.B. and J.N. Sacco. 2003. Long-term succession of benthic infauna communities on constructed *Spartina alterniflora* marshes. *Marine Ecology – Progress Series* 257:45-58.
- Craft, C.B., J.P. Megonigal, S.W. Broome, J. Cornell, R. Freese, R.J. Stevenson, L. Zheng and J. Sacco. 2003. The pace of ecosystem development of constructed *Spartina alterniflora* marshes. *Ecological Applications* 13:1417-1432.
- Sturdevant, A., C.B. Craft and J.N. Sacco. 2003. Effects of impoundment on ecological functions of estuarine marshes along Woodbridge River, NY/NJ harbor. *Urban Ecosystems*. 6:163-181.
- Craft, C.B. and C. Chiang. 2002. Forms and amounts of soil nitrogen and phosphorus across a longleaf pine – depressional wetland landscape. *Soil Science Society of America Journal* 66:1713-1721.
- Craft, C.B., S.W. Broome and C.L. Campbell. 2002. Fifteen years of vegetation and soil development following brackish-water marsh creation. *Restoration Ecology* 10:248-258.
- Markewitz, D., F. Sartori and C. Craft. 2002. Soil change and carbon storage in longleaf pine planted on marginal agricultural land. *Ecological Applications* 12:1276-1285.
- Craft, C.B. 2001. Soil organic carbon, nitrogen and phosphorus as indicators of recovery in restored *Spartina* marshes. *Ecological Restoration* 19:87-91.
- Craft, C.B. 2000. Co-development of wetlands soils and benthic invertebrate communities following salt marsh creation. *Wetlands Ecology and Management* 8:197-207.
- Craft, C.B. and W.P. Casey. 2000. Sediment and nutrient accumulation in floodplain and depressional freshwater wetlands of Georgia, USA. *Wetlands* 20:323-332.
- Chiang, C., C.B. Craft, D. Rogers and C.J. Richardson. 2000. Effects of four years of N and P additions on Everglades plant communities. *Aquatic Botany* 68:61-78.
- Craft, C.B., J.M. Reader, J.N. Sacco and S.W. Broome. 1999. Twenty five years of ecosystem development on constructed *Spartina alterniflora* (Loisel) marshes. *Ecological Applications*. 9:1405-1419.
- Reader, J.M. and C.B. Craft. 1999. Comparison of wetland structure and function on grazed and ungrazed salt marshes. *J. Elisha Mitchell Scientific Society* 115:236-249.

- Craft, C.B. and C.J. Richardson. 1998. Recent and long-term organic soil accretion and nutrient accumulation in the Everglades. *Soil Science Society of America Journal* 62:834-843.
- Craft, C.B. and C.J. Richardson. 1997. Relationships between soil nutrients and plant species composition in Everglades peatlands. *Journal of Environmental Quality* 26:224-232.
- Richardson, C.J., Qian, S., C.B. Craft and R.G. Qualls. 1997. Predictive models for phosphorus retention in wetlands. *Wetlands Ecology and Management* 4:159-175.
- Craft, C.B. 1997. Dynamics of nitrogen and phosphorus retention during wetland ecosystem succession. *Wetlands Ecology and Management* 4:177-187.
- Bartow, S.M., C.B. Craft and C.J. Richardson. 1996. Reconstructing historical changes in Everglades plant community composition using distributions of pollen in peat. *Lake and Reservoir Management* 12:313-322.
- Vaithyanathan, P., R. Kavanaugh, E. Saouter, C. Craft, C. Richardson and T. Barkay. 1996. The relationships of eutrophication to the distribution of mercury and to the potential for methylmercury production in the peat soils of the Everglades. *Environmental Science and Technology* 30:2591-2597.
- Craft, C.B., J. Vymazal and C.J. Richardson. 1995. Response of Everglades plant communities to nitrogen and phosphorus additions. *Wetlands* 15:258-271.
- Vymazal, J., C.B. Craft and C.J. Richardson. 1994. Periphyton response to nitrogen and phosphorus additions in Florida Everglades. *Archiv Fur Hydrobiologie, Algological Studies* 73: 75-97.
- Craft, C.B. and C.J. Richardson. 1993. Peat accretion and nutrient accumulation in nutrient enriched and unenriched Everglades peatlands. *Ecological Applications* 3:446-458.
- Craft, C.B. and C.J. Richardson. 1993. Peat accretion, nutrient accumulation and phosphorus storage efficiency along a eutrophication gradient in the northern Everglades. *Biogeochemistry* 22:133-156.
- Craft, C.B., E.D. Seneca and S.W. Broome. 1993. Vertical accretion in regularly and irregularly flooded microtidal estuarine marshes. *Estuarine Coastal and Shelf Science* 37:371-386.
- Craft, C.B., E.D. Seneca and S.W. Broome. 1991. Loss on ignition and Kjeldahl digestion for estimating organic carbon and total nitrogen in estuarine marsh soils: Calibration with dry combustion. *Estuaries* 14:175-179.
- Craft, C.B., E.D. Seneca and S.W. Broome. 1991. Porewater chemistry of natural and created marsh soils. *Journal of Experimental Marine Biology and Ecology*. 152:187-200.

Craft, C.B., S.W. Broome and E.D. Seneca. 1989. Exchange of nitrogen, phosphorus and organic carbon between transplanted marshes and estuarine waters. *Journal of Environmental Quality* 18: 206-211.

Craft, C.B., S.W. Broome, E.D. Seneca and W.J. Showers. 1988. Estimating sources of soil organic matter in natural and transplanted marshes using stable isotopes of carbon and nitrogen. *Estuarine Coastal and Shelf Science* 26: 633-641.

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