JONATHAN M. HOEKSTRA

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EXPERIENCE

MOUNTAINS TO SOUND GREENWAY TRUST, Seattle, WA.
Executive Director, 2015-present

Provide organization-wide leadership of Greenway Trust staff and Board of Directors in developing and implementing long-term strategies, programs and initiatives that carry out the mission of the Mountains to Sound Greenway Trust while overseeing all administrative and fiscal policies and functions. Lead development and implementation of a cooperative management plan for the Mountains to Sound Greenway National Heritage Area in order to preserve, steward and celebrate the nationally significant natural, historical, and cultural heritage of this region. Set priorities and build coalitions that will ensure natural areas are conserved and stewarded as integral parts of our communities in order to ensure a balance between conservation and rapid regional development. Promote public-private partnerships to interpret and preserve historical, cultural and natural resources of the Mountains to Sound Greenway National Heritage Area. Fundraise for the mission of the Greenway Trust with support of foundations, individuals, businesses, and government. Serve as ambassador for the Greenway Trust by maintaining personal contact with elected leaders, donors, businesses, news media, Greenway municipalities, government agencies, related non-profits and civic institutions. Build trust and relationships with Tribes in the region so that the Greenway Trust's work honors Tribal heritage and respects Tribal rights.

WORLD WILDLIFE FUND, Washington, D.C.
Chief Scientist and Vice President for Science, 2012-2015

Provided organization-wide science leadership to foster an innovative, forward-looking approach to conservation. Served on senior management team and represented organization externally through media interviews, interactions with donors, conference presentations, and publications. Led conservation science program in 2012-2013 and managed 30 scientists and professionals, collaborating with scientists across WWF network and at top universities to provide cutting-edge research and technical assistance to organization's global conservation programs and broader conservation community.

Led science and innovation team responsible for promoting innovation and learning practices in 2014-2015. Estimated and measured progress toward organization's conservation goals. Advanced scientific methods for quantifying the value of nature. Maintained Geographic Information Systems and other information science resources. Sponsored Science for Nature symposium and seminar series. Hosted organization's Conservation Science Network. Grew Education for Nature program promoting conservation leaders in developing countries. Co-led strategy update to assess organization's strategic interests in ecosystem services and natural capital, clarify niche, and prioritize strategies and partnerships warranting coordination and investment by organization.

Served on governing committee of Natural Capital Project and encouraged organization to assert interests clearly for inclusion within partnership priorities and for reinvigorating organization's reputation and role in project. Served on internationally representative working group charged with developing land-use principles to guide actions and positions taken across WWF's global network. Developed principles and guidance to resolve dilemmas and decide on tradeoffs in addition to defining ecological, social, and economic principles of organization.

THE NATURE CONSERVANCY, Seattle, Washington
Senior Scientist, Central Science, 2010-2012

Tested innovative ideas to influence conservation action by others. Explored conservation priority-setting, return-on-investment metrics, integrating ecosystem services and climate change considerations into conservation plans, and new technology applications. Communicated about science through publications, blogs, and presentations to diverse audiences. Held position concurrently with Science Director position.

Science Director, Washington Chapter, 2010-2012 (concurrent)

Led team of 12 scientists supporting Conservancy's conservation work on the Pacific Coast, in Puget Sound, and across Washington's forests and arid lands. Developed and implemented cohesive science strategy to support conservation work in Washington and create adaptable knowledge and experiences. Provided scientific and strategic advice to state director, board of

trustees, and conservation program directors. Coordinated with conservation program directors to ensure needs for science support were efficiently met. Held position concurrently with Senior Scientist position.

Science Lead, Gulf of Mexico Program, New Orleans, Louisiana, 2010

Provided strategic scientific support regarding opportunities for longer-term and larger-scale restoration efforts, as conservation staff focused on clean-up and recovery from immediate damages following BP Deepwater Horizon oil spill. Coordinated with staff across Gulf states, global programs, and other organizations to advocate for the ecological and economic benefits of coastal restoration and to frame scientific underpinnings for comprehensive, Gulf-wide restoration plan integrating consideration of ecosystem services and climate change resiliency.

Managing Director, Global Climate Change Program, 2009-2010

Charged with defining and advancing organizational strategies to redress causes and consequences of global climate change through forest protection and restoration, helping people and nature adapt to unavoidable climate change impacts by using conservation-based approaches and supporting enactment of comprehensive national and international climate change policies. Led team of 35 science, policy, and finance experts and held responsibility for setting and communicating strategic direction, fundraising, media relations, and coordination with other internal programs and external partners to advance over 30 projects in 15 countries. Acted as interim director of climate adaptation team within climate program. Served on Conservancy's conservation leadership team. Participated on science leadership team.

Director of Emerging Strategies, Seattle, Washington, 2007-2009

Provided scientific leadership to accelerate organizational understanding and strategy development around climate change, ecosystem services, agriculture, energy, and transportation. Supervised and eventually provided interim leadership for climate science team. Recruited and supervised team tasked with piloting approaches to integrate ecosystem services into local conservation strategies. Co-authored assessment of global trends in agriculture and implications for Conservancy's work. Led writing on *Atlas of Global Conservation,* published in 2010. Served on Conservancy's science leadership team.

Senior Scientist, Global Priorities Group, 2003-2007

Provided scientific leadership and technical expertise regarding approaches to priority setting for conservation. Recruited and led habitat assessment team charged with documenting state of natural world in order to inform organization's global conservation priorities. Advised Conservancy's executive team and senior managers on geographic priorities and high-level strategies to support organization's 2015 conservation goal. Collaborated with Conservancy's science staff in regional, state, and country programs, as well as with scientists from other organizations, to pursue scientific analyses of mutual interest.

ADDITIONAL EXPERIENCE

NOAA FISHERIES, NORTHWEST FISHERIES SCIENCE CENTER, Seattle, Washington, **Research Associate,** 2001-2003. Designed and conducted analysis to estimate relative and cumulative effects of habitat loss, dams, harvest, and hatcheries on threatened Chinook salmon populations in Pacific Northwest region. Co-supervised three undergraduate interns. Led analysis designed to estimate relative importance of hydropower dams, harvest, habitat loss, and hatchery production to endangered Chinook salmon in Washington, Oregon, and Idaho. Updated organization's salmon recovery review panel on study developments regularly. Reported final findings in peer-reviewed science publication.

U.S. FISH AND WILDLIFE SERVICE, Ventura, California, **Endangered Species Biologist,** 1994-1995. Drove implementation of Endangered Species Act in Santa Cruz, Monterey, and San Benito counties. Reviewed petitions to list species as threatened or endangered, consulted with federal agencies, processed applications for habitat conservation plans, and developed recovery plans for listed species. Worked with county and local governments, federal agencies such as the United States Army Corps of Engineers and Bureau of Land Management, and private groups. Authored review resulting in endangered species list additions of several species found only in Zayante Sand Hills near Santa Cruz, California, including first and only species of grasshopper declared endangered.

WORKING GROUPS

King County Parks Levy Advisory Committee, King County, WA. 2024.

Land Conservation Advisory Group, King County, WA. 2016-2018.

Gulf of Mexico Offshore Environment Working Group. Pew Charitable Trusts. New Orleans, LA. April 2011.

Ad Hoc Technical Expert Group (AHTEG) on Biodiversity and Climate Change. Convention on Biological Diversity. UNEP/CBD/AHTEG/BD-CC-2. Helsinki, Finland. April 2009.

Working Group for an Analysis of Recovery Plans and Delisting. Society for Conservation Biology and the National Center for Ecological Analysis and Synthesis, University of California at Santa Barbara. 1999 - 2000.

Working Group on Habitat Conservation Planning for Endangered Species. American Institute of Biological Sciences and the National Center for Ecological Analysis and Synthesis, University of California at Santa Barbara. 1997 - 1998.

TEACHING AND ACADEMIC EXPERIENCE

UNIVERSITY OF WASHINGTON, Seattle, Washington, **Affiliate Professor, Department of Biology,** 2006-present. **Instructor, Interdisciplinary Arts and Sciences,** 2002. **Instructor, Department of Zoology,** 2001-2002. **Research Assistant, Department of Zoology,** 1995-2001. **Teaching Assistant, Department of Zoology,** 1995-2000 (concurrent).

STANFORD UNIVERSITY, Stanford, California, **Biological Consultant,** 1992-1994. **Research Assistant, Center for Conservation Biology,** 1991-1994 (concurrent). **Teaching Assistant, Department of Biological Sciences,** 1991-1994 (concurrent).

EDUCATION

UNIVERSITY OF WASHINGTON, Seattle, Washington, **Ph.D., Zoology,** 2001

STANFORD UNIVERSITY, Stanford, California, **M.S., Biological Sciences,** 1993

STANFORD UNIVERSITY, Stanford, California, **B.S., Biological Sciences,** 1992

BOARD SERVICE AND AFFILIATIONS

Alliance of National Heritage Areas, Vice Chair, Board of Directors, 2021-present; Partnership Committee Chair, 2023-2024.
Washington Wildlife and Recreation Coalition, Director, Board of Directors, 2017-present
Lake Sammamish Urban Wildlife Refuge Partnership, Steering Committee, 2017-present
Braided River, Chair, Board of Directors, 2016-2022, Resource Council 2015-2023
Island Conservation, Vice-Chair, Board of Directors, 2009-2018
Natural Capital Project, Governing Committee, 2012-1015
Seattle Audubon Society, Board of Directors, 2009-2012

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PROFESSIONAL PUBLICATIONS

Hoekstra, J. 2014. Networking Nature: How technology is transforming conservation. *Foreign Affairs* 93(2).

Hoekstra, J. 2012. Improving biodiversity conservation through modern portfolio theory. *Proceedings of the National Academy of Science* 109:6360-6361.

Abell, R., Thieme, M., Ricketts, T. H., Olwero, N., Ng, R., Petry, P., Dinerstein, E., Revenga, C. and **Hoekstra, J.** 2011. Concordance of freshwater and terrestrial biodiversity. Conservation Letters 4: 127–136. doi: 10.1111/j.1755-263X.2010.00153.x

Hoekstra, J., Molnar, J., Jennings, M., Revenga, C., Spalding, M., Boucher, T., Robertson, J., Heibel, T.J., and Ellison, K. 2010. *The Atlas of Global Conservation: Changes, challenges and opportunities to make a difference.* University of California Press, Berkeley, CA.

Poiani, K.A., Goldman, R.L., Hobson, J., **Hoekstra, J.M.**, and Nelson, K.S. 2010. Redesigning Biodiversity Conservation Projects for Climate Change: Examples from the Field. *Biodiversity Conservation* 10:185-201.

Hunter, M., E. Dinerstein, **J. Hoekstra**, and D. Lindenmayer. 2010. Conserving biodiversity in the face of climate change: A call to action. *Conservation Biology* 24:1169-1171.

Krosby, M., J. Tewksbury, N. M. Haddad, and **J. Hoekstra**. 2010. Ecological connectivity for a changing climate. *Conservation biology* DOI: 10.1111/j.1523-1739.2010.01585.x

Murdoch, W. M. Bode, **J. Hoekstra**, P. Kareiva, S. Polasky, H. P. Possingham, K. A. Wilson. 2010. Trade-offs in identifying global conservation priority areas. In Leader-Williams, N., W.M. Adams and R.J. Smith (eds.). *Trade-offs in Conservation: Deciding What to Save.* Blackwell Publishing Ltd.

Hale. L. Z., I. Meliane, S. Davidson, T. Sandwith, M. Beck, **J. Hoekstra**, M. Spalding, S. Murawski, N. Cyr, K. Osgood, M. Hatziolos, P. Van Eijk, N. Davidson, W. Eichbaum, C. Dreus, D. Obura, J. Tamelander, D. Herr, C. McClennen, P. Marshall. 2009. Ecosystem-based adaptation in marine and coastal ecosystems. *Renewable Resources Journal* 25:21-28.

Secretariat of the Convention on Biological Diversity. 2009. Connecting Biodiversity and Climate Change Mitigation and Adaptation: Report of the Second Ad Hoc Technical Expert Group on Biodiversity and Climate Change. *Technical Series No. 41.* Montreal, 126 pages. **J. Hoekstra** was member of authoring AHTEG.]

Hoekstra, J. 2008. Advancing conservation in a globalized world. In Askins et al. (eds.). 2008. *Saving Biological Diversity: Balancing protection of endangered species and ecosystems.* Springer, New York.

Hoekstra, J. 2008. Rarest of the Rare Ecosystems. In Fearn, E. (ed.). 2008. *State of the Wild 2008- 2009: A global portrait of wildlife, wildlands, and oceans.* Island Press, Washington.

Stolton, S., Boucher, T., Dudley, N., **Hoekstra, J.**, Maxted, N., and Kell, S. 2008. Ecoregions with crop wild relatives are less well protected. *Biodiversity* 9: 52-55.

Loucks, C., T. Ricketts, R. Naidoo, J. Lamoreux, **J. Hoekstra**. 2008. Explaining the global pattern of protected area coverage: relative importance of biodiversity, human activities, and agricultural suitability. *Journal of Biogeography* doi:10.1111/j.1365-2699.2008.01899.x.

Jennings, M. D., J. **Hoekstra, J**. Higgins and T. Boucher. 2008. A comparative measure of biodiversity based on species composition. *Biodiversity and Conservation* 17: 833-840.

Underwood, E. C., M. R. Shaw, K. A. Wilson, P. Kareiva, K. R. Klausmeyer, M. R. McBride, M. Bode, S. A. Morrison, **J. M. Hoekstra**, and H. P. Possingham. 2008. "Protecting Biodiversity when Money Matters: Maximizing Return on Investment." PLoS ONE 3(1): e1515.

Hoekstra, J. M, K. K. Bartz, M. H. Ruckelshaus, J. M. Moslemi, and T. Harms. 2007. Quantitative threats analysis for management of an imperiled species – Chinook salmon (*Oncorhynchus tshawytscha*). *Ecological Applications* 17:2061-2073.

Wilson, K. A., E. C. Underwood, S. A. Morrison, K. R. Klausmeyer, W. W. Murdoch, B. Reyers, G. Wardell-Johnson, P. A. Marquet, P. W. Rundel, M. F. McBride, R. L. Pressey, M. Bode, **J. M. Hoekstra**, S. J. Andelman, M. Looker, C. Rondinini, P. Kareiva, M. R. Shaw, and H. P. Possingham. 2007. Conserving biodiversity efficiently: What to do, where and when. *PLoS Biology* 5(9): e223. doi:10.1371/journal.pbio.0050223.

Hoekstra, J. M. 2006. Minding the Gap. *The Nature Conservancy Magazine,* Winter 2006, pp. 34-39.

Higgins, J. V., J. Touval, R. S. Unnasch, S. Reichle, D. C. Oren, W. W. Waldman, and **J. M. Hoekstra**. 2006. Who needs to spend money on conservation science anyway? *Conservation Biology* 20:1566-1567.

Hoekstra, J. M., T. M. Boucher, T. H. Ricketts, and C. Roberts. 2005. Confronting a biome crisis: global disparities of habitat loss and protection. Ecology Letters 8:23-29.

Hoekstra, J. M., T. M. Boucher, T. H. Ricketts and C. Roberts. 2004. Are we losing ground? *Conservation in Practice* 5:28-29.

Higgins, J. H., T. H. Ricketts, J. D. Parrish, E. Dinerstein, G. Powell, S. Palminteri, **J. M. Hoekstra**, J. Morrison, A. Tomasek and J. Adams. 2004. Beyond Noah: Saving species is not enough. *Conservation Biology* 18:1672-1673.

Brooks, T., B. Mohamed, T. Boucher, G.A.B. Da Fonseca, C. Hilton-Taylor, **J.M. Hoekstra**, T. Moritz, S. Olivieri, J. Parrish, R.L. Pressey, A.S.S. Rodrigues, W. Sechrest, A.Stattersfield, W. Strahm, and S. Stuart. 2004. Coverage Provided by the Global Protected-Area System: Is It Enough? *BioScience* 54:1081-1091.

Clark, J. A., **J. M. Hoekstra**, P. D. Boersma, and P. Kareiva. 2002. Improving U.S. Endangered Species Act recovery plans: key findings and recommendations of the SCB recovery plan project. *Conservation Biology* 16:1510-1519.

Hoekstra, J. M., J. A. Clark, W. F. Fagan, and P. D. Boersma. 2002. A comprehensive review of Endangered Species Act recovery plans. *Ecological Applications* 12:630-640.

Hoekstra, J. M., W. F. Fagan, and J. E. Bradley. 2002. A critical role for critical habitat in the recovery planning process? Not yet. *Ecological Applications* 12:701-707.

Harvey, E., **J. M. Hoekstra**, R. J. O'Connor, and W. F. Fagan. 2002. Recovery plan revisions: progress or just process? *Ecological Applications* 12:682-689.

Boersma, P. D., P. Kareiva, W. F. Fagan, J. A. Clark, and **J. M. Hoekstra**. 2001. How good are endangered species recovery plans? *BioScience* 51:643-649.

Hoekstra, H. E., **J. M. Hoekstra**, D. Berrigan, S. N. Vignieri, A. Hoang, C. E. Hill, P. Beerli, and J. G. Kingsolver. 2001. Strength and tempo of directional selection in the wild. *Proceedings of the National Academy of Sciences* 98:9157-9160.

Harding, E. K., E. E. Crone, B. D. Elderd, **J. M. Hoekstra**, A. J. McKerrow, J. D. Perrine, J. Regetz, L.J. Rissler, A. G. Stanley, E. L. Walters, and NCEAS HCP Working Group. 2001. Habitat Conservation Planning: The Science of Compromise. *Conservation Biology* 15:488-500.

Hoekstra, H. and **J. M. Hoekstra**. 2001. The evolution of novel genotypes: the role of mutation, selection and meiotic drive in maintaining XY females. *Evolution* 55:190-197.

Kingsolver, J. G., H. E. **Hoekstra, J. M.** Hoekstra, D. Berrigan, S. N. Vignieri, C. E. Hill, A. Hoang, P. Gibert, and P. Beerli. 2001. The strength of phenotypic selection in natural populations. *The American Naturalist* 157:245-261.

Feder, M. E., T. L. Karr, W. Yang, **J. M. Hoekstra**, and A. C. James. 1999. Interaction of Drosophila and its endosymbiont Wolbachia: natural heat shock and the overcoming of sexual incompatibility. *American Zoologist* 39:363-373.

Hoekstra, J. M. 1998. Conserving Orthoptera in the wild: lessons from Trimerotropis infantilis. *Journal of Insect Conservation* 2:179-185.

Hoekstra, J. M., R. T. Bell, A. E. Launer, and D. D. Murphy. 1995. Soil arthropod abundance in coast redwood forest: effect of selective timber harvest. *Environmental Entomology* 24:246-252.

Launer, A. E., D. D. Murphy, **J. M. Hoekstra**, and H. R. Sparrow. 1992. The endangered Myrtle's silverspot butterfly: present status and initial conservation planning. *Journal of Research on the Lepidoptera* 31:132-146.

P R E S E N T A T I O N S

Hoekstra, J., 2020. 50th Anniversary of Earth Day. Rotary Club of Seattle, Seattle, Washington.

Hoekstra, J., P. Kareiva, M. Sanjayan, E. Wolkovich. 2016. Can conservation biology survive the Anthropocene. Ecological Systems in the Anthropocene, Harvard University, Cambridge, Massachusetts.

Hoekstra, J. 2014. How technology is catalyzing conservation innovation. SXSW ECO, Austin, Texas.

Hoekstra, J. 2013. Technology and conservation: it's not just for people anymore. SXSW ECO, Austin, Texas.

Hoekstra, J. 2013. Land use change and habitat loss/change. How will synthetic biology and conservation shape the future of nature? Cambridge, UK.

Hoekstra, J. 2012. Investing in nature to promote sustainable development in the Arctic. Arctic Imperative Summit, Girdwood, Alaska.

Hoekstra, J.M., A. Ettinger, K. Anderson, A. Ramos, L. Mease, C. Penalba, P. Kareiva. 2011. A management framework for large-scale conservation. International Congress for Conservation Biology, Auckland, New Zealand.

Hoekstra, J.M. 2011. Energy Sprawl: The Geography of Energy and Efficiency. The Nature of Things lecture series, Utah Museum of Natural History, Salt Lake City, UT.

Hoekstra, J.M. 2011. The Atlas of Global Conservation: Backyard Views of Big Pictures. The Nature of Things lecture series, Moab, Utah.

Hoekstra, J.M. 2011. The Atlas of Global Conservation. Union League Club of Chicago Authors' Group, Chicago, IL.

Hoekstra, J.M., D. Harris, E. Bloomgarden. 2010. Can science-based conservation bolster economic development and recovery? Conservation in the 21st Century series, The Nature Conservancy, New York, NY.

Hoekstra, J.M. 2007. Building economics into conservation. Plenary address at The Nature Conservancy's Asia-Pacific Learning Exchange conference, Balikpapan, Indonesia.

Hoekstra, J.M., M. Jennings, T.H. Ricketts. 2007. The world's most representative and unique ecoregions for vertebrate biodiversity. 21st Annual Meeting of the Society for Conservation Biology, Port Elizabeth, South Africa.

Hardesty, J. L., **J. M. Hoekstra**. 2007. Global priorities that integrate places, strategies and outcomes: a case study from The Nature Conservancy. 21st Annual Meeting of the Society for Conservation Biology, Port Elizabeth, South Africa.

Jennings, M., T. Boucher, **J. M. Hoekstra**. 2007. A global classification of fragmented landscapes. 21st Annual Meeting of the Society for Conservation Biology, Port Elizabeth, South Africa.

Hoekstra, J. M. 2007. Advancing conservation in a globalized world. Saving biological diversity.
Elizabeth Babbott Conant Interdisciplinary Conference, Connecticut College, New London, CT.

Hoekstra, J. M., W.W. Murdoch, S. Polasky, H.P. Possingham, K.A. Wilson. 2006. Playing for keeps: Prioritizing conservation for maximum biodiversity return on investment. 20th Annual Meeting of the Society for Conservation Biology, San Jose, CA.

Kane, V. and **J.M. Hoekstra**. 2006. Mapping the geography of conservation solutions. 20th Annual Meeting of the Society for Conservation Biology, San Jose, CA.

Jennings, M., **J. Hoekstra**, J.V. Higgins, T. Boucher. 2006. Seeking biologically representative regions: A new method for quantifying and comparing species composition. 20th Annual Meeting of the Society for Conservation Biology, San Jose, CA.

Boucher, T., **J. Hoekstra**, M. Jennings, and J. Ervin. 2006. Measuring effective conservation at a global scale. Presentation at the Annual Meeting of the Society for Conservation GIS, San Jose, CA.

Hoekstra, J.M., M. Sanjayan and T.M. Boucher. 2005. Exploring the elasticity of conservation funding: How far does money "stretch" from where it is raised to where it is spent? Presentation at the 19th Annual Meeting of the Society for Conservation Biology, Brasilia, Brazil.

Boucher, T.M., M. Jennings, J.L. Molnar and **J. M. Hoekstra**. 2005. Getting ahead of the curve: Identifying opportunities for proactive conservation. Presentation at the 19th Annual Meeting of the Society for Conservation Biology, Brasilia, Brazil.

Hoekstra, J. M. 2004. Thinking globally, acting locally: Defining global priorities for viable and representative preserve systems. Invited presentation at the Natural Areas Association Conference, Chicago, IL.

Hoekstra, J. M., T. Boucher, and C. Roberts. 2004. How much habitat is there? A global assessment of habitat loss and protection. Presentation at the 18th Annual Meeting of the Society for Conservation Biology, New York, NY.

Hoekstra, J. M. Exploiting habitat heterogeneity to mitigate extinction risk. 2003. Presentation at the17th Annual Meeting of the Society for Conservation Biology, Duluth, MN.

Hoekstra, J. M., M. Ruckelshaus, J. Moslemi and T. Harms. 2003. Prioritizing the "four H's" for Chinook salmon recovery. Invited presentation at the Annual Meeting of the ASM, Victoria, BC.

Hoekstra, J. M. 2002. A fish is a fish is a fish, or is it? Presentation at the 16th Annual Meeting of the Society for Conservation Biology, Canterbury, UK.

Hoekstra, J. M. 2001. An experimental test of whether habitat heterogeneity buffers populations against the effects of climate variability, 86th Annual Meeting of the Ecological Society of America, Madison, WI.

Hoekstra, J. M. 2001. Is critical habitat really critical for endangered species recovery? 15th Annual Meeting of the Society for Conservation Biology, Hilo, HI.

Hoekstra, J. M. 2000. Insights and lessons for improving Endangered Species Act recovery plans. Invited speaker, Symposium on ecology based approaches to the restoration of endangered species, 81st Annual Meeting of the Western Society of Naturalists, Portland, OR.

Hoekstra, J. M. 2000. From sun to shade: survivorship and development time of *Drosophila melanogaster* under natural temperature conditions. 2000 Annual Meeting of the Society for the Study of Evolution, American Society of Naturalists, and the Society of Systematic Biologists, Bloomington, Indiana.

Hoekstra, J. M. and Woods, A. H. 1998. Why aren't *Manduca sexta* caterpillars black? Testing an hypothesis for caterpillar polyphenism (poster). 1998 Annual Meeting of the Society for the Study of Evolution, American Society of Naturalists, and the Society of Systematic Biologists, Vancouver, B.C.

TECHNICAL REPORTS

J. Hoekstra. 2014. Ecosystem services and their value. In McLellan, R. (ed.) 2014. Living Planet Report 2014. WWF International, Gland, Switzerland.

M. Awer, G. Blate, M. Dhar, M. Driscoll, M. Fleckenstein, E. Geyer-Allely, M. Grooten, **J. Hoekstra**, O. Huyser, A. Kohl, L. Li, K. Luz, R. McLellan, C. Moreira, N. Oerlemans, R. Perkins, R. Taylor, H. Strand (ed.). 2014. WWF Land Use Principles and Agriculture Guidelines. Internal position paper commissioned by WWF Conservation Committee.

C.H. Peterson, F.C. Coleman, J.B.C. Jackson, R.E. Turner, G.T. Rowe, R.T. Barber, K.A. Bjorndal, R.S. Carney, R.K. Cowen, **J.M. Hoekstra**, J.T. Hollibaugh, S.B. Laska, R.A. Luettich, Jr., C.W. Osenberg, S.E. Roady, S. Senner, J.M. Teal, and P.Wang. 2011. A once and future Gulf of Mexico Ecosystem: Restoration recommendations of and expert working Group. Pew Environment Group, Washington, DC. 112 pp.

Hoekstra, J. and E. Fuller. 2010. An economic case for Gulf Coast restoration. White paper prepared for the Walton Family Foundation.

McDonald, R. and **J. Hoekstra.** 2008. A review of TNC Agricultural Challenges and Strategies. Prepared for The Nature Conservancy, Arlington, VA.

Hoekstra, J. M. T. Boucher, M. Jennings, J. Molnar, C. Revenga, M. Spalding. 2006. Interim report on the global habitat assessments. Prepared for The Nature Conservancy, Arlington, VA.

M. Burget, T. Boucher, **J. M. Hoekstra**, M. Jennings, L. Landon, J. Molnar, C. Revenga, M. Spalding. 2005. Progress report on the 2015 Goal and Global Habitat Assessments. Prepared for The Nature Conservancy, Arlington, VA.

Hoekstra, J. M. and Reed, L. 1998. Butterfly inventory for McChord Air Force Base, Washington.
Report prepared for The Nature Conservancy, Washington Field Office and Division of Natural Resources, McChord Air Force Base.

Kareiva, P., Andelman, S., Doak, D., Elderd, B., Groom, M., **Hoekstra, J.**, Hood, L., James, F., Lamoreux, J., LeBuhn, G., McCulloch, C., Regetz, J., Savage, L., Ruckelshaus, M., Skelly, D., Wilbur, H., Zamudio, K., and NCEAS HCP working group. 1998. Using science in habitat conservation plans. Report released by American Institute of Biological Sciences and the National Center for Ecological Analysis and Synthesis.

GRANTS AND FELLOWSHIPS

John C. Sawhill Leadership Development Fellowship at The Nature Conservancy, 2010-2011.

National Research Council Fellowship for research with NOAA Fisheries, 2001-2002.

National Science Foundation Dissertation Improvement Grant ($9,980, 2 years), 1998.

Trainee, NSF Training Grant in Mathematical Biology to the University of Washington, 1997 - 1999.

The Nature Conservancy ($29,176, 2 years, co-PI with Joel Kingsolver and Lisa Reed). Inventory of Lepidoptera on McChord Air Force Base, Washington, 1996.

PROFESSIONAL DEVELOPMENT

The Nature Conservancy Sawhill Leadership Development Program, Fuqua School of Management at Duke University, 2010

HONORS AND AWARDS

Student Presentation Award Finalist, Annual Meeting of the Society for Conservation Biology, 2001.

Ingrith Deyrup-Olson Award for Outstanding Teaching, University of Washington, 2000.

Excellence in Teaching Award, Stanford University, 1994.

Award for Exceptional Contributions in Teaching, Stanford University, 1991.

MEDIA

Quoted or had work featured in the New York Times, the Diane Rehm Show, LiveScience, the Washington Post, the Seattle Times, To The Point, USA Today, FoxNews, Nature.com, Deseret News, Mother Nature Network, BBC News, Yale Environment 360, Tech Republic, Ensia, and SXSWorld.

GRADUATE STUDENTS

Van Kane, College of Forest Resources, University of Washington, 2010

PEER REVIEW SERVICE

Regularly review manuscripts for scientific journals including Science, the Proceedings of the National Academy of Sciences, Conservation Biology, Philosophical Transactions of the Royal Society, Biological Conservation, and Environmental Management.