**Dr. Martin Storksdieck**

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**Professional Experience**

2014 – present ***Director, STEM Research Center
Professor, College of Education***
*Oregon State University, Corvallis, OR*

2009 – 2014 ***Director, Board on Science Education
Director, NAS Climate Change Education Roundtable***
*National Research Council of the National Academy of Sciences, Washington, DC*

2007 – 2009 ***Director of Project Development/Senior Researcher***
*Institute for Learning Innovation, Edgewater, MD*

2007 – 2009 ***Adjunct Instructor***
*The George Washington University, Washington, DC*

2001 – 2009 ***Senior Research Associate***
*Institute for Learning Innovation, Edgewater, MD*

Fall 2000 ***Adjunct Professor***
*Roxbury Community College, Mathematics and Science Department, Boston, MA*

1999 – 2000 ***Associate Fellow****Harvard University, Belfer Center for Science and International Affairs, Cambridge, MA*

1998 ***Adjunct Lecturer***
*Albert-Ludwigs-Universität Freiburg, Education Department, Freiburg, Germany*

1995 – 1998 ***Science Educator, Producer***
*Richard-Fehrenbach-Planetarium, City of Freiburg, Germany*

1993 – 1995 ***Research Associate, Project Manager***
*International Council for Local Environmental Initiatives (ICLEI), Freiburg, Germany*

**Education**

2005 ***Ph.D.* *in Education***
*Leuphana University, Center for Environmental and Sustainability Communication, Lüneburg, Germany
Summa cum laude*

1993 ***Master in Public Administration****Harvard University, John F. Kennedy School of Government, Cambridge, MA*

1991 ***Master of Science in Biology, Minor in Ethnology (Diplombiologe)***
*Albert-Ludwigs-Universität Freiburg, Germany*

1987 ***Bachelor of Science in Biology, Chemistry, and Physics (Vordiplom)****Albert-Ludwigs-Universität Freiburg, Germany*With highest distinctions (top 1%).

**Professional Service**

*Current professional service*

* Chair, Board of Trustees for TERC (Cambridge, MA), 2017-
* Member (federal appointment as special government employee), Science Advisory Board, for the National Oceanic and Atmospheric Administration (NOAA), 2017-
* Member (joint appointment by the State of Schleswig-Holstein and the federal government of Germany through the Leibniz-Gesellschaft), Scientific Advisory Board, Institute for the Pedagogy of Science and Mathematics (IPN), Kiel, Germany, 2019-2022.
* Member, Board of Trustees, Tree Media Foundation (Los Angeles, CA), 2016-
* Member, Section Q (Education) of the American Association for the Advancement of Science, 2010-

*Recent past professional service*

* Member, [*National Network of STEM Education Centers*](http://serc.carleton.edu/StemEdCenters/index.html) Steering Committee, 2016-2018.
* Scientific Review Committee, National Optical Astronomy Observatory Education and Public Outreach Program, Tucson, AZ, 2016-2018.
* Scientific Review Panel, Institute for the Pedagogy of Science and Mathematics (IPN), Kiel, Germany, 2017.
* Member, Board of Trustees for TERC (Cambridge, MA), 2014-2017
* Member of the National Park System *Advisory Board Education Committee* (an official appointment by the National Park Service), 2014-2017.
* Member, Executive Committee, Board of Directors for the Citizen Science Association, 2015-2017.
* Member, Executive Committee, Vice-Chair, Working Group on Grand Challenges in Engagement. Global Partnership for Science Education through Engagement (GSEE), 2015-2017.
* Member of the Advisory Committee for the Science Leadership Initiative of the Museum of Science and Industry, Chicago, 2014-2017.
* Member of the Advisory Board for the *MADE-CLEAR* regional (Maryland and Delaware) climate change education project, 2014-2017.
* Co-chair, 2013 Gordon Research Conference on Visualization in Science and Education.
* Vice chair, 2011 Gordon Research Conference on Visualization in Science and Education.
* Member of the US PISA Steering committee for 2015.
* Member of the Advisory Board for the *Longitudinal Study of American Youth*.
* Member, Board of Directors for the Visitor Studies Association.

*University Service (OSU)*

* Member, Senate Committee for the Advancement of Teaching, 2016-2018
* Member, Strategic Planning Committee, College of Education, 2016-2018
* Marine Studies Initiative, Research Subcommittee, October 2014-June 2015.
* Scientific Misconduct Investigation, OSU Research Office. July 2015 to February 2016.
* BioResource Research Major Undergraduate Review, College of Agricultural Sciences, January 25-27, 2015.
* US Student Fulbright Program. Reviewed and interviewed OSU students; September/October 2014.
* OSU College of Engineering Strategic Planning Research Task Force, October-November 2014.
* Member of various search committees for the College of Education.
* Member of various doctoral committees in the Colleges of Education, College of Engineering; College of Liberal Arts, and College of Earth, Ocean, and Atmospheric Sciences.

*Grant Reviewer*

* National Science Foundation: Innovation in Graduate Education, Advancing Informal STEM Learning.
* National Oceanic and Atmospheric Administration: Environmental Literacy Grants.
* Deutsche Forschungsgemeinschaft [German equivalent to NSF].
* Oregon Department of Education.
* Socio-Scientific Synthesis Center, Annapolis, MD

*Conference Reviewer*

* American Association for the Advancement of Science (AAAS).
* North American Association for Environmental Education (NAAEE) Annual Conference and Research Seminar.
* Visitor Studies Association (VSA) Annual Conference.
* National Association for Research in Science Teaching (NARST) Annual Conference.
* Citizen Science Association Conference.

*Journal Reviewer*

* Curator – The Museum Journal
* Environmental Education Research
* Environmental Practice
* Frontiers in Communication
* International Journal for Science Education
* Museum & Social Issues
* Proceedings of the National Academy of Sciences (PNAS)
* Science
* Science Communication
* Science Education
* Studies in Science Education
* Sustainability
* Visitor Studies
* Zoo Biology

*Professional memberships*

* American Association for the Advancement of Science.
* Citizen Science Association.
* National Association for Research on Science Teaching.
* North American Association for Environmental Education (Lifetime member).

**Awards/Honors**

* + Oregon State University Award for Excellence in Outreach and Engagement as part of the Science Beyond Schools project (2018).
	+ Fellow of the American Association for the Advancement of Science (inducted in 2013).
* National Research Council, Division of Behavioral and Social Sciences and Education. Team staff award 2011 for excellence on two projects (*A Framework for K-12 Science Education* and *Successful STEM Schools*).
* Roy L. Shafer Leading Edge Award for Visitor Experiences by the Association for Science-Technology Centers in 2010, provided to the Institute for Learning Innovation for its contribution as research partner to *Portal to the Public* (I was the PI for the research component).
	+ *Summa cum laude*, doctoral dissertation, University of Lüneburg (2004).
	+ John F. McCloy Scholar, John F. Kennedy School of Government, Harvard University (1991-1993) – full scholarship ($60,000).
	+ Scholar of the German National Scholarship Foundation (Studienstiftung des deutschen Volkes) – top 0.5% of German students (1988-1991).
	+ Scholarship from the State of Baden-Württemberg, Germany, to attend the University of Massachusetts (1987-1988).
	+ Bachelor in Science (Biology, Chemistry and Physics) was graded “with highest distinctions” (top 1%) (1987).

**Grants received**

1. Co-Principal Investigator: “Developing STEM Skills through Play and Exhibit Design for Early Learners in Children’s Museums and Science Centers” (NSF-AISL, $1,391,000, 2020-2024 – OSU part: $745,000).
2. Co-Principal Investigator: “Convergence Accelerator Phase I (RAISE): Analytics-Driven Accessible Pathways To Impacts-Validated Education (ADAPTIVE)” (NSF-OIA, $995,000, 2019-2020 – OSU part: $300,000).
3. Principal Investigator: “The Circuit: A Platform for Increasing Access to, Deepening and Researching patterns of Family and Adult Participation in Informal Science” (NSF-DRL, $2,747,288, 2019-2023).
4. Co-Principal Investigator: Research Synthesis: Examining the Role of Authenticity in Informal Science Learning (NSF-DRL, $$249,989, 2019-2021).
5. Principal Investigator, Project Director: “Inclusive Excellence at OSU” (Howard Hughes Medical Institutes, $1M, 2018-2023).
6. Co-Principal Investigator: “LabVenture – Revealing Systemic Impacts of a 12-Year Statewide Science Field Trip Program” (NSF-DRL, $659,509 of a total of $2M, 2018-2022).
7. Senior Personnel: “On-the-Spot Assessment to Improve Scientist Engagement with the Public” (NSF-DRL, $728,117 of a total of $2,724,675, 2018-2022).
8. Principal Investigator/Lead Evaluator: “National Earth Science Education Collaborative (NASA SMD Science Education Cooperative Agreement via Institute for Global Environmental Strategies, Arlington, VA, $546,830 of a total of $6M, 2018-2020).
9. Principal Investigator: “Collaborative Proposal: Developing rural girls' STEM competency and motivation through communicating scientific topics with advanced technology” (NSF-DRL, $163,031 of $1,087,000, 2017-2020).
10. Principal Investigator: “Collaborative Research: Grounding Institutional Partnerships in Structures for Broader Impacts Design” (NSF-DRL, $466,751 of $2,000,000, 2017-2020).
11. Co-Principal Investigator (as lead evaluator): “Guerilla Science - STEM at the Figment Festival” (NSF-DRL, $371,598 of $1,200,000, 2017-2021).
12. Principal Investigator: “GLOBE Citizen Science Needs Assessment” (NASA SMD Science Education Cooperative Agreement under NASA Goddard Space Flight Center, $125,758, 2017-2018).
13. Co-Principal Investigator: “Center for the Advancement of Informal Science Education” (NSF-DRL, $278,909 of $5,000,000, 2016-2021).
14. Co-Principal Investigator: “NRT-IGE: Research to Innovation to Society” (NSF-DGE, $500,000, 2016-2019).
15. Principal Investigator: “Collaborative Research: STEM Matters: Investigating the confluence of visitor and institutional agendas” (NSF-DRL, $435,711 of $1,200,000, 2016-2020).
16. Principal Investigator/Lead Evaluator: “NASA and WGBH: Bringing the Universe to America's Classrooms” (NASA SMD Science Education Cooperative Agreement via WGBH Boston, $968,473 of a total of $10M, 2016-2020).
17. Principal Investigator: “Collaborative Research: An Evidence-based Informal STEM Learning (ISL) Professional Framework (NSF DRL, $272,644, 2015-2017).
18. Principal Investigator: “Successful Out-of-School STEM Learning: A Consensus Study” (NSF-DRL, $652,088, 2013-2015).
19. Principal Investigator: “Barriers and Opportunities for Completing 2- and 4-Year STEM Degrees” (NSF-HRD/DUE, S.D. Bechtel Foundation, Alfred B. Sloan Foundation, $1.1M, 2013-2015).
20. Principal Investigator: “The Teacher Professional Learning Continuum: A Consensus Study.” (Merck Foundation, $1M, 2012-2015).
21. Principal Investigator: “Leadership Support for Activities of the Board on Science Education” (NSF DRL, $600,000, 2009-2014).
22. Co-Principal Investigator: “Assessment of science learning in K-12” (Carnegie, Bechtel and Hewlett Foundations, $1M, 2012-2013).
23. Co-Principal Investigator: “Community Colleges in the Evolving STEM Education Landscape” (NSF-DUE, $369,500, 2011-2013).
24. Principal Investigator: “Climate Change Education Roundtable” (NSF-DUE, $1,383,876, 2010-2014).
25. Principal Investigator: “Evaluation Framework for Successful K-12 STEM Education: A Consensus Study (NSF-REESE, $499,929, 2012-2014).
26. Principal Investigator: “Highly Successful K-12 STEM Schools” (NSF-REESE, $559,287, 2011-2012).
27. Principal Investigator: “Summit on Assessment of Informal and Afterschool Science Learning” (Noyce and Moore Foundations, 150,000, 2011-2012).
28. Principal Investigator: “A Framework for New Science Education Standards” (Carnegie Corporation of New York, $2.2M, 2009-2012).
29. Co-Principal Investigator: “Sharing the Universe” (NSF-ISE, $1,605,220; 2007-2010).
30. Co-Principal Investigator: “Portal to the Public” (NSF-ISE, $2,020,245; 2007-2010).
31. Co-Principal Investigator: “Tales of the Maya Skies” (NSF-ISE, $2,801,309; 2007-2010).
32. Senior Researcher: “Developing an Evaluation Tool for Environmental Field Days” (NSF-REESE, $199,514, 2006-2009).
33. Co-Principal Investigator: “Designing the Classroom of Tomorrow by Using Advanced Technologies to Connect Formal and Informal Environments (CONNECT)” (NSF-ISE, $125,216, 2004-2006).
34. Senior Researcher: “Investigating the Long-Term Impact of a Science Center on Its Community.” (NSF-ISE, $162,364; 2002-2004).

**Publications**

*Journal articles*

Storksdieck, M. & Falk, J.H. (2020). Valuing free-choice learning in national parks. *Parks Stewardship Forum* 36(2): 271–280. <https://escholarship.org/uc/item/2z94016m>

O'Connell, K.B., Keys, B., Storksdieck, M., & Rosin, M. (2020). Context Matters: Using art-based science experiences to broaden participation beyond the choir. *International Journal of Science Education, Part B,* 10(2): 166-185. DOI: [10.1080/21548455.2020.1727587](https://doi.org/10.1080/21548455.2020.1727587).

O'Connell, K.B., Hoke, K., Berkowitz, A.R., Branchaw, J., & Storksdieck, M. (2020). Undergraduate Learning In the Field: Designing Experiences, Assessing Outcomes, and Exploring Future Opportunities. *Journal of Geoscience Education*. <https://doi.org/10.1080/10899995.2020.1779567>

Jones, E.C. & Storksdieck, M. (2019). Recent research on the social network concept and cancer. *Current Opinion in Supportive & Palliative Care* 13(3): 225-237. doi: 10.1097/SPC.0000000000000442.

Rosin, M., Wong J., O’Connell, K., Storksdieck, M., & Keys, B. (2019). Guerilla Science: Mixing science with art, music and play in unusual settings. *Leonardo*. Posted Online May 31, 2019; <https://doi.org/10.1162/leon_a_01793>

Stylinski C.D., Storksdieck M., Canzoneri N., Klein E., & Johnson A. (2018): Impacts of a comprehensive public engagement training and support program on scientists’ outreach attitudes and practices. *International Journal of Science Education, Part B*, 8(4): 340-354. DOI: [10.1080/21548455.2018.1506188](https://doi.org/10.1080/21548455.2018.1506188)

Jones, E.C., Storksdieck, M., and Rangel, M.L. (2018): Social Networks that Support and Constrain (Minority) Patients with Cancer. *Frontiers in Public Health* 09/2018; 6:240.

Risien, J. & Storksdieck, M. (2018). Unveiling Impact Identities: A Path for Connecting Science and Society. *Integrative and Comparative Biology,* 58(1): icy011, <https://doi.org/10.1093/icb/icy011>.

Gorman, J.R., Standridge, D., Lyons, K.S., Elliot, D.L., Winters-Stone, K., Julian, A.K., Weprin, J., Storksdieck, M., and Hayes-Lattin, B. (2017). Patient-centered communication between adolescent and young adult cancer survivors and their healthcare providers: Identifying research gaps with a scoping review. *Patient Education and Counseling.*

Storksdieck, M, Shirk, J L, Cappadonna, J L, Domroese, M, Göbel, C, Haklay, M, Miller-Rushing, A J, Roetman, P, Sbrocchi, C and Vohland, K. (2016). Associations for Citizen Science: Regional Knowledge, Global Collaboration. *Citizen Science: Theory and Practice*, 1(2): 1, pp. 1–10, DOI: <http://dx.doi.org/10.5334/cstp.55>

Storksdieck, M. (2016). Critical information literacy as core skill for lifelong STEM learning in the 21st Century: Reflections on the desirability and feasibility for widespread science media education. *Cultural Studies of Science Education* 11(1): 167-182. 10.1007/s11422-015-9714-4.

Besley, J.D., Dudo, A. & Storksdieck, M. (2015). Scientists’ Views about Communication Training. *Journal of Research in Science Teaching* 52(2): 199-220*.*

Storksdieck, M. (2014). Everyone a scientist? Opening scientific research to a broader public. *ASTC Dimensions 5/6*: 27-29. <https://www.astc.org/DimensionsPDFS/2014/MayJun.pdf>

Allen, S. & Storksdieck, M. (2013). A Review of “Putting Theory Into Practice: Tools for Research in Informal Settings (New Directions in Mathematics and Science Education, No. 25).” *Visitor Studies* 16 (2): 226-228.

Selvakumar, M. & Storksdieck, M. (2013). Portal to the Public: Museum educators collaborating with scientists to engage museum visitors with current science. *Curator: The Museum Journal* 56(1): 69-78.

Yocco, V., Jones, E.C. & Storksdieck, M. (2012). Factors contributing to amateur astronomers’ involvement in education and public outreach*. Astronomy Education Review* 11(1): <http://dx.doi.org/10.3847/AER2011040>

Heimlich, J.E., Carlson, S. & Storksdieck, M. (2011). Building face, construct and content validity through use of a modified Delphi: Adapting grounded theory to build an environmental field days observation tool. Environmental Education Research 17(3): 287-305.

Carlson, S.P., Heimlich, J.E. & Storksdieck, M. (2011). Validating an Environmental Education Field Day Observation Tool. *International Electronic Journal of Environmental Education 1*(3): <http://www.iejeegreen.com/index.php/iejeegreen/article/view/24/19>

Falk, J.H. & Storksdieck, M. (2010). Science learning in a leisure setting. *Journal of Research in Science Teaching* 47(2), 192-212.

Doering, Z.D. & Storksdieck, M. (2010). Introducing the special issue on science [From the editors]. *Curator – The Museum Journal* 53(2): 127-128.

DeWitt, J. & Storksdieck, M. (2008). A short review on school field trips: Key findings from the past and implications for the future. *Visitor Studies* 11(2): 181-197.

Storksdieck, M. (2007). Using web survey in early front-end evaluations with open populations: A case study of amateur astronomers. *Visitor Studies* 10(1): 47-54.

Heimlich, J.E. & Storksdieck, M. (2007). Changing thinking about Learning for a Changing World. *Southern African Journal of Environmental Education* 24: 63-75.

Falk, J.H. & Storksdieck, M. & Dierking, L.D. (2007). Investigating public science interest and understanding: evidence for the importance of free-choice learning. *Public Understanding of Science* 16(4): 455-469.

Anderson, D.; Kisiel, J. & Storksdieck, M. (2006). School field trip visits: understanding the teacher’s world through the lens of three international studies. *Curator – The Museum Journal* 49(3): 365-386.

Storksdieck, M. & Stein, J. (2006). What they bring with them: Museum visitors’ perspectives on Evolution. *ASTC Dimensions* 3/4: 8-9. <https://www.astc.org/DimensionsPDFS/2006/MarApr.pdf>

Storksdieck, M., Ellenbogen, K. & Heimlich, J.E. (2005). Changing Minds? Factors that influence free-choice learning about environmental conservation. *Environmental Education Research* 11(3): 353-369.

Falk, J.H. & Storksdieck, M. (2005). Using the *Contextual Model of Learning* to understand visitor learning from a science center exhibition. *Science Education* 89: 744-778.

Falk, J.H. & Storksdieck, M. (2005). Learning science from museums. *História, Ciências, Saúde - Manguinhos* 12 (Supplement: Sciences and Museums – 4th Science Centre World Congress Dossier): 117-144.

Ellenbogen, K., Storksdieck, M. & Heimlich, J.E. (2003). Changing minds: Learning outcomes in environmental education. *ASTC Dimensions* 11/12: 13-15. <https://www.astc.org/DimensionsPDFS/2003/NovDec.pdf>

Dierking, L.D.; Cohen Jones, M.; Wadman, M.; Falk, J.H.; Storksdieck, M. & Ellenbogen, K. (2002): Broadening our notions of the impact of free-choice learning experiences. *Informal Learning Review* 55, July-August 2002, pp.1, 4-7.

Storksdieck, M. (2001). Differences in teachers’ and students’ museum field-trip experiences. *Visitor Studies Today!* 4 (**1**): 8-12.

*Books*

National Research Council (2014). *Climate Change Education: Preparing Future and Current Business Leaders - A Workshop Summary.* M. Storksdieck, Rapporteur. Washington, DC: The National Academies Press. https://doi.org/10.17226/18813.

National Research Council (2014). *Climate Change Education: Engaging Family Private Forest Owners on Issues Related to Climate Change - A Workshop Summary.* Alexandra S. Beatty, Michael Feder, and Martin Storksdieck, Rapporteurs. Washington, DC: The National Academies Press. https://doi.org/10.17226/18807.

Gibbs, M.G.; Berendsen, M. & Storksdieck, M. (eds.) (2007). *Science educators under the stars: Amateur astronomers engaged in education and public outreach*. San Francisco: Astronomical Society of the Pacific.

Storksdieck, M. (2006). *Field trips in environmental education*. Berlin, Germany: Berliner Wissenschafts-Verlag.

*Book Chapters*

Fischer, D., Selm, H., Sundermann, A., and Storksdieck, M. (2020): Storytelling for Sustainability: A Definition and its Implications for Education and Communication. In Luna, H., Molthan-Hill, P., Baden, D., and Wall, T. (eds.): *Using storytelling in education for sustainable development (ESD).* Routledge.

Storksdieck, M. & Falk, J.H. (2020). Commentary: National Parks as Places for Free-Choice Learning. Chapter 21 (pp. 265-270) in Thompson, J.L. & Houseal, A. (Eds.). *America's largest classroom: What we learn from our National Parks*.  Berkeley, CA: University of California Press.

Fischer, D. & Storksdieck, M. (2018). Storytelling: Ein Ansatz zum Umgang mit Komplexität in der Nachhaltigkeitskommunikation? [Storytelling: An Approach to Tackle Complexity in Sustainability Communication] Pages 161-176 in Pyhel, T. (ed.). *Zwischen Ohnmacht und Zuversicht? Vom Umgang mit Komplexität in der Nachhaltigkeitskommunikation. [Between Powerlessness and Confidence? On Addressing Complexity in Sustainability Communication].* DBU-Umweltkommunikation Vol. 10. München: Oekom.

Falk, J.H., Storksdieck, M., Dierking, L.D., Babendure, J., Canzoneri, N., Pattison, S., Meyer, D., Verbeke, M., Coe, M. & Palmquist, S. (2017). The learning SySTEM. In R. Ottinger (Ed.). *STEM ready America*. Flint, MI: Charles Stewart Mott Foundation. <http://stemreadyamerica.org/the-learning-system/>

Lohwater, T. & Storksdieck, M. (2017). Science Communication at Scientific Institutions. Chapter 19 (pp. 179-186). In Scheufele, D., Kahan, D.M. & Hall Jamieson, K. (eds). *Handbook of the Science of Science Communication.* NY: Oxford University Press.

Storksdieck, M. (2015). Transforming Undergraduate STEM Education: Responding to Opportunities, Needs and Pressures. Chapter 2 in Weaver, G.C., Burges, W.D., Childress, A.L. & Slakey, L. (eds). *Transforming Institutions: Undergraduate STEM Education for the 21st Century*. Purdue University Press.

DeWitt, J., & Storksdieck, M. (2015). Excursions. In *Encyclopedia of Science Education*. (pp. 415-418). Springer.

Dierking, L.D., Storksdieck, M. & Falk, J.H. (2013). Learning from neighboring fields: Conceptualizing outcomes of environmental education within the framework of free-choice learning experiences. Chapter 34 in Stevenson, R., Brody, M., Dillon, J., & Wals, A. (Eds.) (2013). *International Handbook of Research on Environmental Education*. Washington, DC: AERA/Routledge.

Brody, M. & Storksdieck, M. (Eds.).Evaluation of programs, materials, and technologies and the assessment of learners and learning in environmental education. Section 6: in Stevenson, R., Brody, M., Dillon, J., & Wals, A. (Eds.) (2013). *International Handbook of Research on Environmental Education.* Washington, DC: AERA/Routledge.

Storksdieck, M., Stein, J.K. & Jones, E.C. (2012). Hobbyists in the Role of Environmental Educator: The Case of Amateur Astronomy Clubs. Chapter 5 in Kopnina, H. (Ed.). *Anthropology of Environmental Education*. New York: Nova Science Publishers.

Storksdieck, M. & Stylinski, C.D. (2010). The role and influence of news media on public understanding of environmental issues. Chapter 8 in Stevenson, R. B. & Dillon, J. (eds). *Engaging Environmental Education: Learning, Culture and Agency.* Rotterdam (NL): Sense Publishers.

Storksdieck, M. & Berendsen, M. (2007). Attributes and practices of amateur astronomers who engage in education and public outreach. In Gibbs, M.G.; Berendsen, M. & Storksdieck, M. (eds.). *Science educators under the stars: Amateur astronomers engaged in education and public outreach.* pp. 31-42. San Francisco: Astronomical Society of the Pacific.

Berendsen, M. & Storksdieck, M. (2007). Knowledge of astronomy among amateur astronomers. In Gibbs, M.G.; Berendsen, M. & Storksdieck, M. (eds.). *Science educators under the stars: Amateur astronomers engaged in education and public outreach.* pp. 43-56. San Francisco: Astronomical Society of the Pacific.

Anderson, D., Storksdieck, M. & Spock, M. (2007). The long-term impact of museum visits. In Falk, J.H., Dierking, L.D., Ellenbogen, K & Stein, J. (eds.) *In Principle-In Practice: New Perspectives on Museums as Learning Institutions.* Lanham, MD: AltaMira Press.

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Storksdieck, M. & Falk, J.H. (2004). Evaluating public understanding of research projects and initiatives*.* In Chittendan, D., Farmelo, G. & Lewenstein, B.V. (eds.): *Creating Connections – Museums and the public understanding of research*, pp. 87-108. Walnut Creek, CA: AltaMira Press.

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Storksdieck, M. (1998). Sonne, Klima, Mensch kompakt [Sun, climate, men condensed]; hyperlinked chapter in Öko-Institut e.V. (ed.): *Thermische Solaranlagen—Marktübersicht [Solar thermal systems: A consumer guide]*. CD-ROM, Freiburg, Germany: Öko-Institut.

Storksdieck, M. (1994). Environmental management instruments and tools. In Otto-Zimmermann, K. (ed.): *ICLEI’s Guide to Environmental Management for Local Authorities in Central and Eastern Europe, Volume 5*. ICLEI: Freiburg.

Storksdieck, M. & Peters, H.-J. (1994). Regulatory instruments for implementing environmental policy. In Otto-Zimmermann, K. (ed.): *ICLEI’s Guide to Environmental Management for Local Authorities in Central and Eastern Europe, Volume 7*. ICLEI: Freiburg.

Bretschneider, J. & Storksdieck, M. (1994). Conflict resolution, consensus seeking and mediation. Chapter 5 in Otto-Zimmermann, K. (ed.): *ICLEI’s Guide to Environmental Management for Local Authorities in Central and Eastern Europe, Volume 8 (Communicative Instruments and Public Participation in Environmental Management)*. ICLEI: Freiburg.

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Champness, J. & Storksdieck, M. (1994). Internal environmental management for local authorities. In Otto-Zimmermann, K. (ed.): *ICLEI’s Guide to Environmental Management for Local Authorities in Central and Eastern Europe, Volume 9*. ICLEI: Freiburg.

*Proceedings*

Kamarainen, A.; Stylinski, C.: Kermish-Allen, R.; Gagnon, D. & Storksdieck, M. (2018). Participatory Place-Based Augmented Reality Co-Design for Scientists and Girls. Pg 392-393 in Kalir, J. H. (Ed). *Proceedings of the 2018 Connected Learning Summit* (Vol. 1). Pittsburgh, PA: ETC.

Manning, J.G; Gurton, S.; Hurst, A.; Berendsen, M.; Storksdieck, M.; Haley-Goldman, K.; Stein, J.K.; Pompea, S.; Garmany, C.; Sparks, R. & Pollock, W. (2007). [Interactions and interventions: Current research on improving informal astronomy education via the Astronomical Society of the Pacific (ASP)](http://www.worldcat.org/title/interactions-and-interventions-current-research-on-improving-informal-astronomy-education-via-the-astronomical-society-of-the-pacific-asp/oclc/225306346%26referer%3Dbrief_results). American Astronomical Society Meeting #211 (#31.03). *Bulletin of the American Astronomical Society* 39(4): 783.

Storksdieck, M., Robbins, D. & Kreisman, S. (2007). *Results from the Quality Field Trip Study: Assessing the LEAD program in Cleveland, Ohio. Summit Proceedings.* Cleveland, OH: University Circle Inc. http://www.museum-ed.org/wp-content/uploads/2012/12/Summit\_Proceedings.pdf

Storksdieck, M., Heimlich, J.E., & Muscat, A.M. (2006). Differences in visitor and resident conservation awareness and knowledge on Santa Catalina Island. *Proceedings of the 2006 Annual Meeting of the National Association for Research in Science Teaching (NARST)*, San Francisco, CA, April 3-6, 2006.

Haley Goldman, K. & Storksdieck, M. (2004). Free-choice learning in the digital age: Challenges and chances for school-museum cooperations. In Sotiriou, S. (ed.): *Advanced Technologies in Education.* Proceedings of the international symposium “Designing the Science Laboratory for the School of Tomorrow.” Kefalonia, Greece, 4-6 July, 2004, pp. 61-72. Athens, Greece: Ellinogermaniki Agogi.

Storksdieck, M. (2004). Teachers’ perceptions and practice surrounding a field trip to a planetarium. *Proceedings of the 2004 Annual Meeting of the National Association for Research in Science Teaching (NARST),* Vancouver, BC, Canada, April 1-3, 2004.

Storksdieck, M.; Pragoff, D. & Streett, K. (2003). Outdoor education for urban students: Using peer-teaching as a means to engage inner-city youth with nature. In Adkins, C.R. (ed). *Proceedings. Thinking Globally While Acting Culturally.* (NAAEE 32nd Annual Conference, Anchorage, Alaska). Rock Spring, GA: North American Association for Environmental Education, pp. 298-305.

Storksdieck, M. (2001). Environmental attitudes shape field trip experiences. In Smith-Sebasto, N.J. (ed.): *2001: An EE Odyssey. Exploring Capacity, Community, Complexity & Culture. Selected Papers. Conference Proceedings* (30th Annual NAAEE Conference, Little Rock Arkansas). Rock Spring, GA: North American Association for Environmental Education, pp. 43-46.

Storksdieck, M. (1998). Multimedia-based environmental science education: From local use to broad dissemination. ED-MEDIA - The World Conference on Educational Multimedia and Hypermedia, Freiburg, 23.-25. June 1998, *Proceedings*: 1844-45.

*Other scholarly publications*

Adams, J.; Bell, J.; Crowley, K.; DeWitt, J.; Kanter, D.; Storksdieck, M.; Toro, S.; and Zimmerman, H.T. (2014). Informal STEM Learning: A Roadmap For Research and Practice (Guest Editorial submitted to the *Journal of Research in Science Teaching. http://www.informalscience.org/sites/default/files/CAISE\_PAR\_Roadmap.pdf*

Carlson, S.P.; Heimlich, J.E.; Storksdieck, M. & Mayer, N. (2009). *Best Practices for Field Days Assessment Tool and Observation Protocol.* University of Minnesota Extension Publication #08653 (www.extension.umn.edu/fielddays).

Storksdieck, M. (2000). “Green” labeling for college-level environmental education*? Environmental Communicator* 30(4), p. 12.

Storksdieck, M. (1997). Planetarium und Ökostation Freiburg: “Vom Blauen Planeten ins Grüne Klassenzimmer.” [Planetarium and Freiburg nature center: from the Blue Planet to the Green Classroom]. *ökopädNews* 78**:** 3-4.

Storksdieck, M. (1995). Die dicksten Kartoffeln...ernten auch nach der Konferenz von Nassau die Konzerne des Nordens. *blätter des iz3w* 204: 48-49.

*Presentations and panels (selection, not fully updated after 2015)*

Storksdieck, M. & Staus, N. (2020). Measuring Professional Advances in ISL: Framing the Discussion. Paper 1 of “Professional Development Opportunities for Informal STEM Learning Professionals: A Symposium for NARST 2020 (conference cancelled). Panel description published at
<https://www.informalscience.org/professional-development-opportunities-informal-stem-learning-professionals>

Staus, N.L.; Storksdieck, M. & Hunter, N. (2019). Using an Evidence-based Professional Learning Framework to Strengthen and Broaden the Informal STEM Learning Field. NARST 2019 Annual International Conference, Baltimore, MD, USA, March 31 - April 3, 2019.

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| Fischer, H.A., Storksdieck, M. & Kohl, H. (2019). Nibble and Drop: Why do Volunteers Drop out of Citizen Science Programs. Citizen Science Association Conference. Raleigh NC, March 13-17, 2019. |
| Fischer, H.A., Storksdieck, M. & Martin, A. (2018). Using Social Network Analysis to Understand NASA Collaborations. American Geophysical Union Fall Meeting. Washington DC, 10-14 December, 2018.  |

Storksdieck, M. (2018). Informal Science Education. Invited keynote at CREATIONS 2018: Creating Conditions for Deeper Learning in Science. Ellinogermaniki Agogi, Athens, November 2-3, 2018.

Storksdieck, M., with Glass, M., Schatz, D. & Morrisey, K. (2018). Professional Learning Planning: A Model for Organizational Staff Development. Association of Science-Technology Centers (ASTC) Annual Conference, Hartford, CT, 9/29-10/2, 2018.

Storksdieck, M., with Voiklis, J., Riedinger, K. & Semper, R. (2018). Aligning Your Agendas with Those of Your Visitors: Lessons Learned from Zoos and Aquariums. Association of Science-Technology Centers (ASTC) Annual Conference, Hartford, CT, 9/29-10/2, 2018.

Kamarainen, A.; Stylinski, C.: Kermish-Allen, R.; Gagnon, D. & Storksdieck, M. (2018). Participatory Place-Based Augmented Reality Co-Design for Scientists and Girls. 2018 Connected Learning Summit, Cambridge, MA, August 1-3, 2018.

Stylinski, C., Storksdieck. M., Kamarainen, A., Riedinger, K., Kermish-Allen, R. (2018, Oct.). Harnessing Digital Media to Support, rather than Hinder, Environmental Literacy. A research symposium at the 2018 annual conference of North American Association for Environmental Education in Spokane, WA.

Storksdieck, M., with Calabrese-Barton, M., Dierking, L.D. & Tan, E. (2018). Symposium – Ecological Perspectives on Learning: Rethinking Our Questions, Methods, and Partnerships. NARST 2018 Annual International Conference, Atlanta, GA, USA, March 10-13, 2018.

Storksdieck, M., O’Connell, K. & Keys, B. (2018). Taking Stock of Oregon STEM Hubs: Accomplishments and Challenges. NARST 2018 Annual International Conference, Atlanta, GA, USA, March 10-13, 2018.

Riedinger, K., Canzoneri, N. & Storksdieck, M. (2018). Investigating the Confluence of Visitor and Institutional Agendas. NARST 2018 Annual International Conference, Atlanta, GA, USA, March 10-13, 2018.

Storksdieck, M., with Bell, J., Massarani, L. & Bostrom, A. (2017). Informal STEM Learning and Science Communication: Overlaps, Asymetries, and Opportunities. Association of Science-Technology Centers (ASTC) Annual Conference, San Jose, CA, 10/21-10/24, 2017.

Storksdieck, M, with Rosin, M., McDougall, M., Wong, J. & Levine, M. (2017). Beyond the (Science) Choir: How Art and Culture Broaden Audiences. Association of Science-Technology Centers (ASTC) Annual Conference, San Jose, CA, 10/21-10/24, 2017.

Martin Storksdieck, M., Baram-Tsabari, A., Lewenstein, B.V., Dudo, A. & Lohwater, T. (2017). Symposium: Science Communication Education for STEM Professionals: Teaching Scientists to Communicate with Non-Expert Audiences. NARST 2017 Annual International Conference, Atlanta, GA, USA, March 10-13, 2018.

Storksdieck, M. & Stylinski ,C. (2017). The role of partnership in empowering high-quality outreach by scientist: Recent and ongoing research Coordinated Panel. National Association for Broader Impacts. Skamania Lodge, Stevenson, WA.

Stylinski ,C. & Storksdieck, M. (2017). Supporting public engagement of science within broader impacts efforts Workshop. National Association for Broader Impacts. Skamania Lodge, Stevenson, WA.

Storksdieck, M., with Glass, M., Heimlich, J., Schatz, D. & Hunter, N. (2016). Building a Professional Learning Framework for Informal STEM Education. Association of Science-Technology Centers (ASTC) Annual Conference, Tampa, FL, 9/24-10/27, 2016.

Storksdieck, M. & Stylinski, C. (2015). A Typology of Public Engagement. American Association for the Advancement of Science Live Trellis Discussion. Online.

Storksdieck, M. (2014). Cultivating a STEM-Ready Society. Public Lecture, Oregon State University, Corvallis, OR, 31 October 2014.

Storksdieck, M. (2014). How to prepare graduate students for success? Invited Plenary Talk at the BEST kick-off meeting at Cornell University, Ithaca, 18 March 2014.

Storksdieck, M. (2014). What is gifted in light of changes to K-16 science education? Featured Presentation at the Eleventh Biennial Henry B. & Jocelyn Wallace National Research & Policy Symposium on Talent Development, Arlington, VA, March 23-25, 2014

Storksdieck, M. (2014). Creating an Ecosystem for Science Learning In and Out of School (Organizer – with D. Schatz, Moderator). AAAS, Chicago, IL, February 14-17, 2014.

Storksdieck, M. (2014). How to Rebuild Informed Trust in Science: Insights from Social Sciences (Discussant). AAAS, Chicago, IL, February 14-17, 2014.

Storksdieck, M., with Braha, J., Sarewitz, D., Desmet, E (2014). Workshop — Broader Impacts Directions: What is the future of BI and where can it go? Broader Impact Infrastructure Summit, Washington, DC, April 14-16, 2014.

Storksdieck, M. (2013). Science Engagement at the US National Academy of Sciences. GSEE/Asia Founding Summit, Kyoto. JP, October 20-23, 2013.

Storksdieck, M. (2013). Undergraduate Science Education at a Crossroad: Responding to Research Findings. Chair/Moderator. AAAS, Boston, February 15-18, 2013.

Storksdieck, M. (2013). New Tools to Engage Publics and Assess the Impact of Science Communication. AAAS, Boston, February 15-18, 2013.

Defining Impacts and Outcomes of STEM Learning in Afterschool. Afterschool Alliance Annual Conference. Washington, DC. May 8, 2012.

Evaluating Public Communication of Science at the Individual, Workshop and Regional Level. 12th International Public Communication of Science and Technology Conference, that will be held in Florence, Italy, April 18th - 20th, 2012.

Discussant in session: Understanding Emerging Opportunity Structures in STEM Education: Research Efforts to Explore School-Level Innovations. AERA, Vancouver, Canada, April 14-16, 2012.

Storksdieck, M. (2013). Public Perceptions of Climate Change. AERA, Vancouver, Canada, April 14-16, 2012.

Valadez, J. & M. Storksdieck: Successful K-12 STEM education: identifying effective approaches in STEM. NSTA, Indianapolis, IN, March 29-31, 2012.

Storksdieck, M. (2013). Next Generation Science Standards: Tracking the Federal Research Agenda. NARST, March 26, 2012.

Co-organizer (with Mark McCaffrey, Tamara Ledley, Stephanie Pfirman): The Climate and Energy Literacy Initiative: A Strategic Planning Summit. The Brower Center, Berkeley, CA, December 7-9, 2012.

Storksdieck, M.: Trans- and Interdisciplinarity in K-14 Climate Change Education: Trends Emerging from Recent Reports by the National Research Council. AGU, December 3-6, 2012.

Invited talk: The Changing Demands on STEM Education and Outreach at American Research Universities. The Reinvention Center, Arlington, VA, November 9, 2012.

Staveloz, W., Friedman, A., Storksdieck, M., Pruitt, S. & Schatz, D.: Science Standards and Science Museums: Where are we going? ASTC, Columbus, OH, October 2012.

Opening address at SENCER Summer Institute in Santa Clara, CA, August 2-4, 2012.

Invited Keynote: IAMSTEM Summit, UC Davis, June 8, 2012.

Invited Presentation: Sackler Colloquium on the Science of Science Communication. Washington, DC, May 21-22, 2012.

Storksdieck, M. (2012). Increasing motivation and interest in science and engineering by redefining school-based learning. Society for Research on Adolescence Annual Meeting. Vancouver, BC, March 8-10, 2012.

 Storksdieck, M., Stein, J.K. & Jones, E.C. (2012). The roles of citizen science and serious leisure in public engagement with science. AAAS, Vancouver, BC, February 17-21, 2012.

The Role of Standards in Achieving Science Literacy: A Multi-Country Perspective. AAAS, Vancouver, BC, February 17-21, 2012.

Storksdieck, M. (2012). What informal science educators should know about the new vision for K-12 science education. Keynote given at the Texas Informal Science Educator Association Conference, Van, TX, February 15-17, 2012.

Storksdieck, M. (2011). Improving Postsecondary STEM Education Based on Research Evidence. Transforming STEM Education: From Innovation to Implementation. Perdue University, October 10-12, 2011.

Storksdieck, M. (2011). STEM Everywhere: Out-of-school Learning. Panelist at STEM Smart: Lessons Learned from Successful Schools. A Conference Hosted by the National Science Foundation
at Drexel University, Philadelphia, September 19, 2011.

Jones, E.C., Storksdieck, M., Johnson, E., Stein, J.K., Figueiredo, C. & Berendsen, M. (2011). Amateur Astronomers as Educators: An Ethnographic Study of Club Culture. Astronomical Society of the Pacific Annual Meeting, Baltimore, MD, July 30-August 3, 2011.

Keynote: Storksdieck, M. (2011). Chemistry in the public mind: perception, learning and emotion. GRC Conference on Chemistry Education Research & Practice, Foundations and Frontiers, Davidson College, Davidson, NC, June 26-July 1, 2011.

Keynote: Storksdieck, M. (2011). Selling Sound Science: Kindergartner to Policymaker. Featured Speech at the 2011 Ground Water Summit and 2011 Ground Water Protection Council Spring Meeting in Baltimore, MD, May 1-5, 2011.

Storksdieck, M. (2011). What does it mean to be scientifically literate in today's world of ready, abundant and questionable information? Invited presentation at Oregon State University, Corvallis, OR, April 29, 2011.

Storksdieck, M. (2011). Citizen Science and Science Education: What Do People Learn When They Do? AAAS, Washington, DC, February 17-21, 2011.

Storksdieck, M. (2011). New science education standards on the horizon: what does it mean for science educators? Invited presentation at the California State University Long Beach, February 15, 2011.

Weiss, M., Evans, E. M., Lane, J. D., Storksdieck, M. & Palmquist, S. (October, 2010). If we build it will they learn? Presented at the Annual Meeting of the Association of Science and Technology Centers, Hawaii.

Storksdieck, M. (2010). Learning About Evolution in an Informal Setting: Implications for Lifelong Learning. AAAS, San Diego, CA, February 18-22, 2010.

*Note: some conferences for 2010 and the second half of 2009 are not recorded here.*

Stylinski, C. & Storksdieck, M. (2009). What does the public learn from the media about sustainable agriculture? Breakout session at The American Institute of Biological Sciences Annual Meeting, Arlington, VA, May 18-19, 2009.

Stylinski, C. & Storksdieck, M. (2009). News media and informal learning of environmental issues. Cary Conference XIII (Effective Communication of Science in Environmental Controversies), Millbrook, NY, May 5-8, 2009.

Storksdieck, M.; Reidell, A. & Lind, T. (2009). Mixing It Up: Engaging Visitors Through Cross-Disciplinary Exhibits. Panel Discussion, American Association of Museums Annual Meeting and Expo, Philadelphia, April 30-May 4, 2009.

Hayward, M.; Lombardo, B.; Cohen, M.; Storksdieck, M. & Mauriello, E. (2009). The Emerging Digital Museum. Panel Discussion, American Association of Museums Annual Meeting and Expo, Philadelphia, April 30-May 4, 2009.

Stylinski, C.D.; Storksdieck, M., Falk, J.H. & Fraser, J. (2009). News Media Impacts on Public Understanding of Science. Strand Invited Symposium at the NARST Annual International Conference, Garden Grove, CA, April 17-21, 2009.

Heimlich J., C. Stylinski & Storksdieck, M. (2009). Children and Nature: What works and how do we know? North American Association for Environmental Education Research Symposium. Portland, OR.

Storksdieck, M. Ashley, C. & Mendez, A. (2008). The role of culture and worldviews in science learning. Association of Science-Technology Centers Annual Conference, Philadelphia, PA, October 18-21, 2008.

Weiss, M.; Storksdieck, M.; Campbell, E. & Evans, E.M. (2008). Visitors and scientists: Are they speaking the same language? Association of Science-Technology Centers Annual Conference, Philadelphia, PA, October 18-21, 2008.

Motto, A.; Wesi, R.; Alonzo, J.; Bowers, M. & Storksdieck, M. (2008). The 4th Annual Inquiry Fashion Show. Association of Science-Technology Centers Annual Conference, Philadelphia, PA, October 18-21, 2008.

Carlson, S.; Storksdieck, M. & Heimlich, J.E. (2008). Developing a “Best Practices for Field Days” assessment tool. 37th NAAEE conference, Wichita, KS, October 15-18, 2008.

Stylinski, C. & Storksdieck, M. (2008). News media impacts on public understanding and attitude about environmental issues. The 93rd ESA Annual Meeting, Wilwaukee, WI, August 3 - 8, 2008).

Evans, E.M.; Weiss, M.; Koke, J.; Storksdieck, M. & Kennedy, J. (2008). Conversations across disciplines: From theory to practice – The Spiral Model. 21st Annual Visitor Studies Association Conference, Houston, TX, July 16 - 19, 2008.

DeWitt, J.; Randol, S. & Storksdieck, M. (2008). What’s really going on here? Using triangulation to investigate questions of interest 21st Annual Visitor Studies Association Conference, Houston, TX, July 16 - 19, 2008.

Storksdieck, M. (2008). Many came, and some came back – reaching and retaining underserved audiences. American Association of Museums Annual Meeting and Expo, Denver, April 27-May 1, 2008. [http://www.netsymposium.com/index.php?select=product&data=24472]

Koke, J.; Evans, E.M.; Rand, J.; Storksdieck, M. & Weiss, M. (2008). Visitors and scientists: Are they speaking the same language? American Association of Museums Annual Meeting and Expo, Denver, April 27-May 1, 2008.

Storksdieck, M. (2008). Building a quality field trip teacher survey instrument. NARST Annual International Conference, Baltimore, MD, March 30-April 2, 2008.

Falk, J.H. & Storksdieck, M. (2008). Science learning in a leisure setting. NARST Annual International Conference, Baltimore, MD, March 30-April 2, 2008.

Carlson, S.P.; Heimlich, J. Storksdieck, M. & Tanner, D. (2008). Best practices for field days assessment tool. NARST Annual International Conference, Baltimore, MD, March 30-April 2, 2008.

Storksdieck, M. (2008). The public understanding of evolution and how attitudes change. American Association for the Advancement of Science. Boston, February 15-18, 2008.

Stylinski, C.; Storksdieck, M.; Heimlich, J.E. & Bronnenkant, K. (2007). Using news media for environmental learning and behavior change. 4th NAAEE Research Symposium, November 12-13, 2007, Virginia Beach, VA.

Storksdieck, M.; Stylinski, C.; Heimlich, J.E. & Bronnenkant, K. (2007). Using news media for environmental learning and behavior change. Symposium at the Annual NAAEE Conference, November 14-17, 2007, Virginia Beach, VA.

Flanagan, C, & Storksdieck, M. (2007). Understanding your audience – The key to effective Interpretive Master Planning. American Public Gardens Association 2007 Education Symposium on Interpretive Master Planning. October 22-24, 2007, San Diego, CA.

Schatz, D.; DeWitt, J.; Storksdieck, M.; DeFrancis, G. & Sedzielarz, M. (2007). Educationally Effective Field Trips, Part 1: Bridging Research and Practice. Association of Science-Technology Centers Annual Conference, Los Angeles, CA, October 12-16, 2007.

Burtnyk, K.; Kisiel, J.; Anderson, D. & Storksdieck, M. (2007). Figuring out what works—Examining the role of vision and culture in developing effective field trip experiences. Association of Science-Technology Centers Annual Conference, Los Angeles, CA, October 12-16, 2007.

Borun, M.; Reich, C.; Storksdieck, M.; Dietrich, R. & Israel, E. (2007). Issues in Audience Research and Evaluation. Association of Science-Technology Centers Annual Conference, Los Angeles, CA, October 12-16, 2007.

Falk, J., Storksdieck, M., & Stein, J. (2007). Visitor Identity-Related Motivations: An exploration of the theory, findings and potential of this research construct for understanding visitor learning and for promoting more effective use of museum resources. 20th Annual Visitor Studies Association Conference, Ottawa, Ontario, Canada, July 17 - 21, 2007, Columbus, OH: Visitor Studies Association. [http://www.informalscience.org/knowledge/citation\_view.php?refID=5380]

Storksdieck, M. (2007). Using the visitor identity-related motivations scale to improve visitor experiences at the U.S. Botanic Garden. Visitor Studies Conference, Ottawa, CN, July 19-21, 2007.

Heimlich, J.E. & Storksdieck, M. (2007). Measures of success: Two approaches to developing observation tools for judging the educational value of field trips and field days. Visitor Studies Conference, Ottawa, CN, July 19-21, 2007. [http://www.informalscience.org/knowledge/citation\_view.php?refID=5360}

Storksdieck, M. (2007). Evaluating visualizations in free-choice settings. Gordon Research Conference, Bryant University, Smithfield, RI, July 1-6, 2007.

Manning, J.G.; Gurton, S.; Hurst, A.; Berendsen, M.; Storksdieck, M.; Haley-Goldman, K.; Stein, J.; Pompea, S.; Garmany, C; Sparks, R. & Pollock, W. (2007). [Interactions and Interventions: Current Research on Improving Informal Astronomy Education via the Astronomical Society of the Pacific (ASP)](http://www.worldcat.org/oclc/225306346%26referer%3Dbrief_results). *Bulletin – American Astronomical Society* 39(4): 031.03.

Barnett, A.; Wyatt, R.; Beining, D.; Storksdieck, M. & Yu, K. (2006). Understanding the audience potential of FullDome digital video. Association of Science - Technology Centers Annual Conference, Louisville, KT, October 28-31, 2006.

Bennett, M.; Pompea, S.M.; Zevin, D.; Storksdieck, M.; Gurton, S.; Pollock, W. & Rubin, A. (2006). Making the best of both: Professional development, onsite and online. Association of Science - Technology Centers Annual Conference, Louisville, KT, October 28-31, 2006.

Storksdieck, M. & Heimlich, J. (2006). The strength of our beliefs: how personal filters influence environmental learning. 3rd Annual NAAEE Research Symposium, October 9-10, 2006.

Storksdieck, M. & Koke, J. (2006). Boys and girls: how to interpret the differences. 3rd Annual NAAEE Research Symposium, October 9-10, 2006.

Storksdieck, M.; Ardoin, N. & Meyers, R. (2006). Bridging educational insights: Comparing our philosophies of education. 3rd Annual NAAEE Research Symposium, October 9-10, 2006.

Heimlich, J.E. & Storksdieck, M. (2006). Guiding change with visitor data: Insights from two case studies. Visitor Studies Conference, Grand Rapids, MI, July 25-29, 2006.

Grack Nelson, A.; Ellenbogen, K.; Rowe, S.; Phipps, M.; Storksdieck, M. & Bronnenkant, K. (2006). Beyond Oohs and Aahs: Using evaluation to help visitors understand complex scientific visualizations. Visitor Studies Conference, Grand Rapids, MI, July 25-29, 2006.

Storksdieck, M.; Falk, J. H. & Witgert, N. (2006). Why they came and how they benefited: Results of 52 in-depth interviews conducted 18 months after a science center visit. NARST 2006 Annual Meeting, San Francisco, CA, April 3-6, 2006.

Storksdieck, M., Heimlich, J.E., & Muscat, A.M. (2006). Differences in visitor and resident conservation awareness and knowledge on Santa Catalina Island. NARST 2006 Annual Meeting, San Francisco, CA, April 3-6, 2006.

Storksdieck, M., Kaul, V. & Werner, M. (2006). Tackling it together: Local partnerships to improve field trip experiences. NARST 2006 Annual Meeting, San Francisco, CA, April 3-6, 2006.

Rosenfeld, S., J. Griffin, S. Commisso, T. M Kahn, V. Kaul, L. Kelley, N. Maoz, S. Rockman, M. Storksdieck, and M. Werner (2006). Varieties of formal-informal science learning environments: Perspectives of different stakeholders. NARST 2006 Annual Meeting, San Francisco, CA, April 3-6, 2006.

Storksdieck, M., Heimlich, J.E., Muscat, A.M. & Barlage, J. (2005). Island conservation stakeholders: A triangulated opinion study. NAAEE 2nd Annual EE Research Symposium, Albuquerque, NM, October 24-25, 2005.

Storksdieck, M., Heimlich, J.E., Muscat, A.M. & Barlage, J. (2005). Catalina Island: Balancing conservation and human needs. 34th NAAEE conference, Albuquerque, NM, October 25-29, 2005.

Heimlich, J. E., Storksdieck, M., Barlage, J. & Muscat, A. M. (2005). Balancing conservation and human needs: An example using Santa Catalina Island. 3rd World Environmental Education Congress, October 2-6, Torino, Italy.

Muscat, A.M., Heimlich, J.E. & Storksdieck, M. (2005). Using social science research to balance conservation and human needs on Santa Catalina Island. 19th Annual Meeting of the Society for Conservation Biology. Brasília, Brazil, 15-19 July, 2005.

Storksdieck, M. (2005). Understanding stakeholders in the “field trip system.” Association of Science - Technology Centers Annual Conference, Richmond, VA, October 15-18, 2005.

Storksdieck, M., Kaul, V. & Werner, M. (2005). Results from the Quality Field Trip Study. Association of Science - Technology Centers Annual Conference, Richmond, VA, October 15-18, 2005.

Storksdieck, M. (2005). Why are they here? Understanding the teachers’ agenda. ECSITE Annual Conference – 2005, Vantaa, Finland, 10-12 June 2005.

Storksdieck, M. (2005). Using a broad web survey in program development. Visitor Studies Conference, Philadelphia, PA, August 2-6, 2005.

Storksdieck, M.; Falk, J. H. & Witgert, N. (2004). "Levels of Self" and the many meanings of a science center visit within visitors' lives, Visitor Studies Conference, Albuquerque, NM, August 3-7, 2004.

Alpert, C. L. & Storksdieck, M. (2004). Current Science & Technology: What’s working & what’s not. Association of Science - Technology Centers Annual Conference, San Jose, CA, September 18-21, 2004.

Storksdieck, M., Alpert, C. L., Weiss, A. & Tanguay, M. (2004). Summative evaluation findings: Current Science & Technology Center (CS&T), Museum of Science, Boston. Association of Science - Technology Centers Annual Conference, San Jose, CA, September 18-21, 2004.

Falk, J. H. & Storksdieck, M. (2004). The Self as lens: The personal meaning of a science center visit. Association of Science - Technology Centers Annual Conference, San Jose, CA, September 18-21, 2004.

Storksdieck, M. & Kisiel, J. (2004): Interest and information - A traveling exhibition on dogs questions basic assumptions about visitors, Visitor Studies Conference, Albuquerque, NM, August 3-7, 2004.

Storksdieck, M. (2004): Teachers’ perceptions and practice surrounding a field trip to a planetarium. NARST 2004 Annual Meeting, Vancouver, BC, April 1-3, 2004.

Storksdieck, M., Werntz, K., Streett, K. & Pragoff, D. (2004). Outdoor education for urban students: Teaching about nature is about teaching, not nature. Presentation at the NARST 2004 Annual Meeting, Vancouver, BC, April 1-3, 2004

Storksdieck, M. Streett, K. & Levine, S. (2004). Learning about nature through teaching: A comparative study. NAAEE Annual Conference 2004, November 6-10, 2004, Biloxi, MS.

Street, K., Levine, S. & Storksdieck, M. (2004). Making natural connections to your schoolyard. NAAEE Annual Conference 2004, November 6-10, 2004, Biloxi, MS.

Storksdieck, M. & Falk, J.H. (2003). After 18 Months: What determines self-perceived and measured long-term impact of a visit to a science exhibition? Visitor Studies Conference, Columbus, OH, July 15 - 19, 2003.

Storksdieck, M. (2002). Differences in teachers’ and students’ museum field-trip experiences. NARST 2002 Annual Meeting, New Orleans, LA, April 6-9, 2002.

Falk, J.H. & Storksdieck, M. (2002). A multi-factor investigation of variables affecting free-choice science learning. NARST 2002 Annual Meeting, New Orleans, LA, April 6-9, 2002.

Falk, J.H. & Storksdieck, M. (2002). A multi-factor investigation of learning from museum exhibitions. Visitor Studies Conference, Cody, WY, August 13-17, 2002.

Storksdieck, M. (2001). Global environmental change education at a planetarium. Visitor Studies Conference, Orlando, FL, July 31 - August 4, 2001.

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