

CURRICULUM VITA OF RITA C. SCHENCK

EDUCATION

- PhD. Oceanography, University of Rhode Island 1984. Thesis: Copper and *Gonyaulax tamarensis*: Physiology, Toxicity and Requirement.
- B.S. Biochemistry Department, University of Washington, 1975

WORK EXPERIENCE

Executive Director, Institute for Environmental Research & Education (IERE) P.O. Box 2449, Vashon, WA 98070. The Institute for Environmental Research and Education, Inc. is a non-profit organization dedicated to fact-based environmental decision making, with offices in Iowa and Washington State.

Accomplishments include:

- Co-founder of the American Center for Life Cycle Assessment
- Representing the US in the development of the ISO 14040 Life Cycle Standards;
- Development and management of community-based environmental management systems in agricultural communities
- Development of the first U.S. environmental product declarations program (the EarthSure[®] program)
- Development of the Pacific Northwest Energy Independent Communities Program.
- Development of certification program for LCA professionals, the first in the world.
- Managing the U.S. LCA annual conference (currently growing over 30% per year)

Manager, Environmental Health and Safety for General Electric Company and GTE 1988 – 1995

Provided oversight for environmental programs at 50 manufacturing facilities worldwide, one half of GTE Product Corporations manufacturing locations. Instituted corporate-wide environmental auditing, cost accounting, and environmental management training for managers at all levels of the organization.

Responsible for management of all environmental and OSHA compliance programs for aircraft engine manufacturing plants in Vermont; provided advice and counsel to operating management.

Postdoctoral Researcher at the INRS-eau (National Institute for Freshwater Research), Université du Québec 1984-1986

Conducted studies on the ecotoxicology of acid rain and heavy metals in freshwater ecosystems. The focus of the research was on the interaction of different chemical species and organisms in sediments, water column, and organisms.

Graduate Research Associate, Graduate School of Oceanography URI 1980-1983

Performed a study of the population dynamics of winter flounder along the Rhode Island and Connecticut coasts, as part of their thermal effluent impact analysis. The study used physical biochemical separations and sophisticated statistical analyses to identify discrete fish populations, and estimate population mixing.

PUBLICATIONS

Rita Schenck 2010. A Roadmap to Environmental Product Declarations in the United States. <http://lcacenter.org/pdf/Roadmap-to-EPDs-in-the-USA.pdf>

Morrison, J, P. Schulte and R. Schenck. 2010. CORPORATE WATER ACCOUNTING An Analysis of Methods and Tools for Measuring Water Use and Its Impacts. United Nations Environment Programme, United Nations Global Compact, Pacific Institute Copyright © United Nations ISBN: 1-893790-23-1 ISBN-13: 978-1-893790-23-0
http://www.pacinst.org/reports/corporate_water_accounting_analysis/corporate_water_accounting_analysis.pdf

Rita Schenck 2009. The Outlook and Opportunity for Type III Environmental Product Declarations in the United States of America. <http://iere.org/documents/Outlook-for-Type-III-Ecolabels-in-the-USA.pdf>.

Schenck, RC. 2009. The Business Case for LCA in US Policy and Legislation. <http://www.lcacenter.org/pdf/TheBusinessCaseforLCA.pdf>.

Schenck, R.C. M. Ostrom, D. Granatstein, K. Painter and C. Kruger 2008. Life cycle assessment of wheat grown in Washington State. 6th International Conference on LCA in the Agri-Food Sector, Zurich, November 12–14, 2008

Rita Schenck, Mike Levy, Keith Christman, Robert Strieter, Joseph J. Cattaneo, Dennis Sabourin Bill Heenan. 2008. Guidance for Multi-Stakeholder Life Cycle Scoping, with a Food Container Example. <http://iere.org/scoping/MultistakeholderLCAScopingGuidance.pdf>

Merwin Brown, Douglas Huizenga, Eron Jacobsen, Bill Lynn, Phil Malte, Brian Polayge, Michael Richardson, Joseph Salvo, Rita Schenck Pacific Northwest Energy Independent Communities: A 10 Year Plan.2005.,
<http://iere.org/documents/EnergyIndependentCommunities-10yearplan.pdf>

Measuring Environmental Sustainability for the Seattle Monorail Project. Integrated Environmental Assessment and Management. 2004. R.C. Schenck (City of Seattle)

Schenck, R.C. 2004. The Challenge of Agricultural Environmental Management Systems: An NGO Perspective. Applied Environmental Management Systems in Agriculture (U.S. EPA)--Invited presentation.

Schenck, R.C., R. Hammerschlag and H. Patton (2003). Teaching Life Cycle Concepts to School Children. International LCA/LCM 2003. Seattle, WA.

Schenck, R.C. (2001) Land Use and Biodiversity Indicators for Life Cycle Impact Assessment . Int. J. LCA. 6(2):114-117

Schenck, R.C. and S. Vickerman. 2001. Developing a Land Use/Biodiversity Indicator for Agricultural Product LCA's. International Conference on LCA in Foods, 26-27 April, Gothenburg, Sweden

Schenck, R.C. (2001) Farm Environmental Management Systems in Nebraska: A Case Study. Ecospheres Conference, June 10-13, Lincoln, Nebraska.

Schenck, R.C. 2000. LCA for Mere Mortals. A primer on Environmental Life Cycle Assessment
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Schenck, R.C. and D.L. Huizenga (2000) Integrated Pest Management Implementation Plan for the Nebraska Cattle Industry. Study Supported by the American Farmland Trust and the U.S. EPA.