

JENNIFER R. DuBOSE, RESEARCH SCIENTIST II

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Professional Preparation

Oglethorpe University	Philosophy	B.A. 1990
Georgia Institute of Technology	Environmental Policy	M.S. 1994

Appointments

- October 2002 – Present: Research Scientist II, Sustainable Facilities & Infrastructure Branch; Safety, Health, & Environmental Technologies Division; Electro-Optics, Environment, & Materials Laboratory; Georgia Tech Research Institute, Atlanta, GA.
- 2000 – 2002: Certification Manager, Climate Neutral Network, Portland, OR.
- 1996 – 2000: EcoSense Program Manager, Interface Research Corporation, Kennesaw, GA.
- 1993 – 1996: Research Associate I, Center for Sustainable Technology, Georgia Institute of Technology, Atlanta, GA.
- 1991: Agricultural Extension Agent, US Peace Corps in Zaire

Publications

Five publications most closely related to the proposed project

Vanegas, J. A. , J. R. DuBose and A. R. Pearce. 1995. "Sustainable Technologies for the Building Construction Industry," in Proceedings of the Designing for the Global Environment Conference, Atlanta, GA, November 2 -3, 1995.

DuBose, Jennifer R. and Annie R. Pearce. 1997. "The Natural Step as an Assessment Tool for the Built Environment," in Proceedings of the CSTB's Buildings and the Environment Conference, Paris, June 9-12, 1997.

DuBose, Frost, Chameau and Vanegas. 1994. "Sustainable Development and Technology," in Proceedings of International Workshop on Fundamentals of Environmental Engineering Education, Christchurch, New Zealand.

Macari, E. J., J. D. Frost, F. M. Saunders, and J. R. DuBose. 1995. "Sustainable Technology: In Support of Economic Development," in *Georgians on Sustainability: Thoughts on Our Collective Future* edited by Olin Ivey and George Laures, Atlanta: Institute of Ecology and the Georgia Environmental Organization, Inc.

DuBose, J.R. 1995. "Sustainable Technology And Hazardous Waste Treatment," Prepared for the conference Emerging Technologies in Hazardous Waste Management VII Atlanta, GA, September 17-20, 1995.

Five other significant publications

DuBose, Jennifer R. 1999. "Measuring and Offsetting Greenhouse Gas Emissions," in Proceedings of the 22nd World Energy Engineering Congress "Building for the 21st Century: Energy and the Environment," Atlanta, GA, October 20-22, 1999.

DuBose, Jennifer R. 2000. "Sustainability and Performance at Interface, Inc." INTERFACES 30: 3 May-June 2000 pp.190-201.

DuBose, Jennifer, Jorge Vanegas and Jean Lou Chameau. 1995. "Concept of Sustainable Development: The Worldwide Challenge," in Proceedings of the Conference on Environmental Impact Prediction: Simulation for Environmental Decision-Making, Research Triangle Park, NC, October 6-7 1994 pp. 33-41.

Vanegas, J. and J. DuBose. 1995. "Sustainable Technology Developments of Interest to the Paper Industry," in Proceedings of the TAPPI 1995 Environmental Conference, Atlanta, GA, May 7-10 1995.

Synergistic Activities

1. Developed and delivered new undergraduate course titled Sustainable Problem Solving Lab offered under the Civil Engineering department at Georgia Tech.
2. Co-authored the world's first corporate sustainability report for Interface, Inc. This seminal report was used as teaching material in sustainable business courses at several universities. The research for this report required gathering technical information from all of the company's manufacturing sites and developing stories that were approachable for a lay audience.
3. Facilitated the creation of a protocol for climate neutral certification with climate change experts from prominent national environmental organizations.
4. Invited participant in the Building Operators & Managers Institute (BOMI) retreat for thought leaders to assist BOMI in anticipating the training needs of building operators and managers in the future.
5. Participated in an Earthwatch research project in Kenya that involved field research interviewing herbalists through a translator. The project required sensitivity to the respondents' perspectives and flexibility to refine the research approach and study questions to account for differences in cultural understandings of medicine between interviewer and interviewee.

Collaborators and Other Affiliations

(GIT = Georgia Institute of Technology; GTRI = Georgia Tech Research Institute)

Collaborators and Co-Editors

Annie Pearce (GTRI), Susan Hall (Climate Neutral Network), Karen Meadows (Climate Neutral Network)

Graduate and Postdoctoral Advisors

Dr. Bryan Norton (GIT), Dr. Jean Lou Chameau (GIT), Dr. Joan Sokolovsky (GIT)

Thesis Advisor and Postgraduate-Scholar Sponsor

None