

a) DEGREE PROGRAMMES

- PhD, July 2005, University of Sussex, England. Subject: Development Geography Title of Thesis: *Ecotourism, Institutions and Livelihoods: A Study of North Rupununi, Guyana.*
- MPhil, September 1995, University of Bradford, Subject: Environmental Education
- BA November, 1989: University of Guyana, Guyana, 1989; Subject: Geography

b) Certificate Courses

- Economics of Climate Change, Wolfson College, Cambridge University, UK, January 11-April 2, 2010.
- International Course on Environmental Management, including Environmental Impact Assessment, Dalhousie University, Halifax, Nova Scotia, 14 June -3 July, 1998.
- International Environmental Education Course on Solving Natural Resource Problems Through Education, Social Marketing and Communications Strategies, Virginia, October 11 -November 8, 1997.
- Post Graduate Certificate in Environmental Education, University of Strathclyde, U.K., September-December 1995.
- International Course on Environmental Education, University of Tennessee, USA , May - June 1993.

Most Recent Peer Reviewed Papers

- Bynoe, P. and Bernard, D. The Development of Higher Education in Guyana: The Role of UNAMAZ. June-August, 2007.
- Bynoe, P. (2007) The Challenges of Biodiversity Education at University Level: The Case of Guyana. In Bernard, Aragon and Clusener (Eds.) Biosphere Reserves in the Amazon, UNESCO, pp.53-72.
- Bynoe, P. and Simmons, D. (2010) Let's Learn about Climate Change. A Booklet for Schools in Guyana. Illustrations by Philbert Ghajadhar.2009.
- Bynoe, P (2010) Mining, Sustainability and Environmental Justice in Guyana: challenges, complexities and prospects. United Nations University, Tokyo.
- Bynoe, P (2010) Avoided Deforestation, Capacity Building and Forest Finance in Guyana: finding a Niche to influence Policy. Cambridge University Press, Cambridge.
- Bynoe, P. (**In Press**) Designing and Implementing IRWM Policies for Guyana: Pitfalls and Prospects. Observer Research Foundation, New Delhi.
- Bynoe, P. (**In Press**) Community Disaster Risk Management: A Priority for Bottom-Up Sustainable Development in the Caribbean. In: Sustainable Development Reader for the Caribbean. University of the West Indies Press. Trinidad.
- Bynoe, P. (**In Press**) Climate Change Education for Sustainable Development: From Rhetoric to Reality. In: Sustainable Development Reader for the Caribbean. University of the West Indies Press. Trinidad
- Bynoe, P. (In Press) Whither Sustainable Small and Medium Scale Mining in Guyana? In: Monograph on Sustainable Development and Natural Resources Management in Africa, UNU-INRA, Accra.

Researched Papers Presented at Scholarly Gatherings

- *Striking the right balance in mitigating the flood hazard: An examination of structural and non-structural measures.* CDEMA Annual; Seminar, Barbados, March 15, 2011.
- *Impact on Climate Change on Agriculture on an Indigenous Community in Guyana.* International Forum on “The Gender Dimensions of Climate Change and Disaster Risk Management, November 23-24,2010, Mexico City.
- *A Policy Perspective on Climate Change Adaptation in Guyana’s Agriculture Sector: Initiatives, Challenges and Opportunities.* Paper presented at CARDI Conference on Climate Change and Agriculture, October 17-19, 2010.
- *Economics of Climate Change.* Paper presented at Private Sector meeting on Low Carbon High Growth-Creating Opportunities for Private Sector in Guyana, Georgetown, July 22, 2010.
- *Enhancing Sustainable Livelihoods through Protected Areas.* Keynote Speech delivered at OECS OPAAL Seminar, Vieux Fort, St. Lucia, July 4, 2010.
- *Development of a Watershed Management Plan for the Demerara Sub-Watershed*

in Guyana. Paper presented (in conjunction with Professor Jacob Opadeyi) at the Caribbean Environmental Forum 5, Montego Bay, June 21-25, 2010.

- *Energy Efficiency and Carbon Emission Reduction: a review of Guyana's Low Carbon Development Strategy (LCDS)* (in conjunction with Denise Simmons) at the Caribbean Environmental Forum 5, Montego Bay, June 21-25, 2010.
- *Quantitative Assessment of the Impact of Land Use on the Biophysical Characteristics of the Demerara Sub-Watershed in Guyana*. Paper presented (in conjunction with Professor Jacob Opadeyi) at the Caribbean Environmental Forum 5, Montego Bay, June 21-25, 2010.
- *Building a Case for Planned Climate Change Adaptation for Georgetown*. Paper presented at International Conference on Low Carbon development and Community Planning, Georgetown, June 16-18, 2010.
- *Reaching Youth and Communities: Good Practices for Promoting Disaster Risk Management Initiatives in the Caribbean*, December 8, 2009.
- *Hydro-Climatic Disasters with specific focus on Flood Risk Management; Policy, Legislation and Institutions for Disaster Management; and the Economics of Disasters at national workshops for disaster and water resource managers in Guyana and Trinidad*, November 29-December 1, 2009 and December 3-4, 2009, respectively.
- *Carbon Reductions, REDD and a Low Carbon Economy: Guyana Case Study*. Lecture presented to US Policy Decision Makers during Course on , Costa Rica, August 3 – September 3, 2009.
- *Agriculture, Climate Change and Gender and the Implications for Water Management: A case study of Surama*, Guyana, CIMH Workshop, Barbados, January 19, 2009.
- *Participatory Monitoring*. 5th Annual Civil Society Organisations Dialogue with the Caribbean Development Bank and the IADB, Georgetown, November 19, 2008.
- *Flood Mitigation in Georgetown: an examination of the role of a Planner*. Paper presented in collaboration with Rawle Edinboro at Conference on Critical Issues in Urban Areas, Trinidad, January 9-10, 2009.
- *Integrated and Sustainable Development of the Urban Environment: Key Issues on the Way Forward for Planning Education*. Paper presented in collaboration with Rawle Edinboro at Conference on Critical Issues in Urban Areas, Trinidad, January 9-10, 2009.
- *Gender at Climate Change: a case study of Surama, Guyana*. CDERA Third Annual Conference on Disaster Management, Barbados, December 9, 2008.
- *Adopting a Community Based Disaster Risk Management (CBDRM) Approach: lessons from Guyana*, CDERA Third Annual Conference on Disaster Management, Barbados, December 9, 2008.
- *The Impacts of Human Capital Flight in Guyana*. Paper presented at the International Conference on International Migration in the Amazon, Belem , November 13, 2008.
- *The Socio-Economic, Health and Psychological Impacts of the 2005 Flood in Guyana and the Urgent Need for Space-Based Solutions*. Paper presented at United Nations Regional UN-SPIDER Workshop: Building Upon Regional Space-based Solutions for Disaster Management and Emergency Response for the Caribbean, Barbados, July 10, 2008.
- *Climate Change: A New Challenge for Human Health and Sanitation in Guyana*. Paper presented 4TH Biennial Caribbean Environmental Forum Session 6: New Challenges and Approaches to Human Health and Sanitation, St. George's University, Grenada, June 25,

2008.

- *Social Corporate Responsibility and the Private Sector in Guyana*. Presentation at Climate Change Forum on June 6, 2008, G/Town, Guyana.
- *Tourism and the Sustainability Debate, Presented at Tourism Conference, November 30, 2007 at the Le Meridien, Pegasus, G/Town, Guyana*.
- *The Development of Higher Education in Guyana: The Role of UNAMAZ*, UNAMAZ Conference, Belem, September 22-26, 2007
- *Environmental Stewardship, EIA and the private Sector in Guyana: An Uneasy Alliance?* Paper presented at the IAIA 27th Conference, on June 5, 2007 in Seoul, South Korea.
- *Ecotourism as a Driver of Sustainable Development: a case study of North Rupununi*, Guyana, Jamaica, May16, 2007.
- *Greening Rice Milling: A Case Study of Rice Milling in Guyana by Denise Simmons¹ and Paulette Bynoe* Guyana, Jamaica, May16, 2007.
- *Biodiversity Management in Guyana*. ACTO First Meeting for National Coordinators, Brasilia, October 25, 2006.
- *Community Based Ecotourism: Whither a sustainable livelihood alternative?* Paper presented at SEDU 10th Anniversary Conference, University of the West Indies, St. Augustine, Trinidad, October 16, 2006.

Summary of Experience

Over 15 years of professional accomplishment as an Environmental Specialist, with particular focus on social issues. Past positions include: Director of the School of Earth and Environmental Sciences of the University of Guyana (Current), Member of Regional Team of Experts for JICA/CDEMA Project on Community Disaster Risk Management in five pilot countries in the Caribbean; Member of Scientific Advisory Committee for Forestry Network Project (FORENET) for ACP countries; and an International Environmental Consultant in: environmental education and training, environmental management and policy formulation at the international, regional and national levels.

Recent accomplishments include *Case Studies on Climate Change Adaptation and Disaster Risk Reduction with a Gender Perspective in the Pacific and Caribbean Regions*. UNDP Pacific Funded Research Project; (August 2010); Study on Climate Change policy integration in national development plans (February 2009), Situational Analysis of Watershed Management in Guyana (November 2008), Gender Adaptation to Climate Change: A case Study of Surama, Updated Guyana (UNDP) November 2010); Design of Public Awareness Programme (PAP) to ensure community participation in sea and river defence management and the facilitation of a two day training workshop to implement the PAP (EU funded Project, 2007/2008).; the Development of Training Curriculum on Disaster Preparedness for twenty (20) communities on the East Coast of Demerara and a Baseline and Knowledge, Attitudes and Practice (KAP) Study on disaster preparedness (Oxfam GB project, April 2008); Consultant for CREP Training Programme (Capacity Building) in Participatory Monitoring and Evaluation of Natural Resources in the Caribbean held in Bahamas; Consultant for Policy Statement on Climate Change for

¹ Ms. Denise Simmons is a Lecturer in the School of Earth and Environmental Sciences, University of Guyana

Commonwealth Minister of Finance Meeting in Guyana, October 2007, and Policy Paper on Indigenous Women and Youth in the Commonwealth for the Commonwealth Secretariat in London.

Other assignments include Consultant in International team contracted to assess Community Participation in Low Income Housing Settlements-Phase II-IADB/GOG Project and develop Community Participation Strategy; undertook Strategic Environmental Assessment of the Water and Sanitation Programme for the Government of Gambia (African Development Bank, April 2005); the Stocktaking and Thematic Assessment of the United Nations Convention on Biological Diversity (UNCDB) for the National Capacity Self-Assessment Project (UNDP, 2005/2006); UNDP; Consultant/Facilitator of the Commonwealth Foundation sponsored Civil Society Meeting on Climate Change and Poverty Reduction, held in Georgetown, Guyana, July, 2007.