

Curriculum Vitae

**Paulette .E. Bynoe (PhD)**

**Nationality: Guyanese**

**176 Section A, Block X, Great Diamond, East Bank Demerara  
GUYANA**

**Tel: 592-616 -3703 (C); 592-222-4180 (W)**

Email address: [bynoep2000@yahoo.com](mailto:bynoep2000@yahoo.com) or [paulette.bynoe@uog.edu.gy](mailto:paulette.bynoe@uog.edu.gy)

**Areas of Research Interest**

- Environmental education, awareness and training
- Climate change adaptation and disaster risk reduction (focus on local communities and gender)
- Environmental impact assessments and environmental and natural resource policy
- Sustainable rural livelihoods and ecotourism

**Academic Qualifications**

**a) Degree Programmes**

- PhD, July 2005, University of Sussex, England.  
**Subject: Development Geography**
- MPhil, September 1995, University of Bradford,  
**Subject: Environmental Education**
- BA November, 1989: University of Guyana, Guyana, 1989  
**Subject: Geography**

**b) Certificate Courses**

- **Flood Risk Analysis and Community Based Disaster Management Training Programme.** JICA/IDEA Consultants, Japan. January 29 to February 18, 2011.
- **Economics of Climate Change,** Wolfson College, Cambridge University, UK, January 11-April 2, 2010.
- International Association of Impact Assessment Course on **Sustainability Assessment,** Seoul, South Korea, June 2-8, 2007.
- 11<sup>th</sup> International Course United Nations Training Course on **Remote Sensing Education for Educators,** Stockholm University, Sweden, 2 May - 9 June, 2001.
- International Association of Impact Assessment Pre-Meeting Course on **Strategic**

*Paulette Bynoe*

**Environmental Assessment and Environmental Impact Assessment**, Hong Kong, June 17-23, 2000.

- 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.

## **Professional Experience**

### **Academic**

**University of the West Indies, St. Augustine Campus, Department of Life Sciences  
September 2011 to November 2012**

- Visiting Research Fellow (on Sabbatical Leave)

Taught Undergraduate Modules on Coastal Ecosystems Management (BIO 3461), and Post Graduate Modules on Environmental Impact Assessment (**BIO 5204/6204**)

- Research on Ecosystem Services and Communities Sustainable Livelihood : An Assessment of Impacts of Nariva Swamp Restoration Project in Trinidad

**University of Guyana, Environmental Studies Unit and School of Earth and Environmental Sciences (December 1995 to present)**

*Administrative Post: Director- August 2013 to present; (August 2009 to July 2011; Director (Ag) 2008-2009)*

### **Duties:**

- Undertake all administrative duties of the School including dealing with staff and student matters, reviewing and updating the Curricula, coordinating public forums and spearheading the process of developing a Strategic Plan for the School.
- Develop and teach post-graduate and undergraduate courses.
- Establish networks with stakeholders (academic, private sector, regional and national institutions, among others)

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- Provide leadership in the areas of research and public outreach
- Represent University of Guyana on national and regional boards and committees.

**Academic Post:**        *Senior Lecturer (effective June 2015)*

**Duties:** *Course Lecturer*

**Edu-Link MSc Programme (UWI, UG, Anton de Kom University and University of Belize)**

- Environmental Resources Policy (BIOL 6214)

**PhD in Biodiversity (University of Guyana)**

- Research Methods (BDS6002)

**MSc in Environmental Management Programme (University of Guyana)**

- Environmental Impact Assessment (ENV 5301)
- Contemporary Environmental Issues (ENV 5107)
- Disaster Risk Management in the Caribbean (ENV 5105)
- Environmental Research Methods (ENV 5207)
- Community Based Disaster Risk Management (ENV 5304)

***Research Supervisory Role***

Graduate (MSc Level)

**University of the West Indies:**

- *An assessment of the effectiveness of community forestry arrangements in Guyana, 2015/2016*
- *An Investigation into the readiness of Guyana for the implementation of the REDD+ Mechanism and the Achievement of a Low Carbon Economy, 2011/2012*
- *Exploring the Environmental Impacts' of the Development of Hydroelectric Energy in Guyana, 2009*

**University of Amsterdam**

- *Flooding and Vulnerability: A Research on Experiences and Perceptions of households in Georgetown, Guyana, 2009*

## University of Guyana

- *An Assessment of the effectiveness of Community Forestry Arrangements in Guyana, 2015*
- *Examining the level of public health emergency preparedness and response of regional health institutions on the Coast of Guyana, 2015.*
- *The Effect of Renewable Energy on Sustainable Livelihood in selected rural communities in Guyana, 2015*

## Undergraduate (BSc level)

### University of Guyana

I have supervised over 40 undergraduate research projects that have addressed issues such as: institutional aspects of illegal wildlife trade, community participation in management of natural resources, climate variability and impacts on sugar estates, protected areas and sustainable livelihoods, ecotourism, community based disaster risk management, gender impacts of 2005 floods in Guyana, community disaster vulnerability, the role of religion in promoting public environmental education and awareness and a review of the institutional arrangements for implementation of the obligations of the United Nations Framework Convention on Climate Change and the United Nations Convention on Biological Diversity.

### For example in 2012-2013

*Anita Wilson: An Investigation into the Vulnerability of Livelihoods and Structures (Buildings) to the Impacts of Flooding in St. Cuthbert's Mission*

### Research Projects

- *Improving the Nutrition and Health of Caricom Populations through Sustainable Agricultural technologies that increase food availability and diversity of food choices. IDRC Funding. 4 years project. **Completed in 2014.***
- *Study of the impacts of climate change on gender and vulnerable groups in the Pilot Programme for Climate Resilient Countries (PPCR) Participating countries of the Caribbean. Study funded by Caricom Climate Change Centre. **Completed in 2013.***
- *Indigenous People, Livelihoods and Climate Change: the Guyana Perspective (ACP Funded Project) 18 months project. **Completed in 2012.***
- *Gender and Biodiversity Use and Conservation. Guiana Shield Initiative Programme, Georgetown, Guyana. **Completed in 2012.***

**Technical Studies/Papers**

- Study of the Status of the Incorporation of Disaster Risk Reduction and Climate Change Adaptation in National Public investment systems in The Bahamas, Guyana and Jamaica. IADB, July-November, 2015.
- Design of a Climate Resilience Strategy and Action Plan for Guyana, including Project Concept Notes as Team Member of ACCLIMATISE Consultancy firm.2014/2015.
- Baseline Survey on Level of Awareness, Knowledge and Support for the Guyana Low Carbon Development Strategy. GRT/GF-13172-GY-2 (GY-G1002) – 8. Guyana Forestry Commission. June 2014.
- Technical Evaluation of Project Activities. Government of Guyana/IADB Technical Cooperation ATN/OC-11718-GY: Design and Implementation of an Integrated Disaster Risk Management Plan. *“Strengthening National and Local Capacities for Disaster Response and Risk Reduction”*. December 2013.
- Technical Evaluation of Project Activities Government of Guyana/IADB Technical Cooperation No. ATN/SF-12553-GY “Developing Capacities in Implementing REDD+”. July-August 2013.
- Technical Review of the Community Disaster Risk Reduction (CDRR) Programme. CDEMA/OECS/DFID. June-September 2013.
- Social Vulnerability Study using GIS Tools for Cayman Islands. January-June 2012 (worked with Ms Gabrielle Thongs, UWI).
- Prepared Stock-taking and Synthesis Report for Guyana: Rio Plus 20, March-April 2012.UNDESA project.
- Undertook Study on Gender and Biodiversity Conservation in Guyana. March-April, 2012. UNDP-GSF.
- Developed three Policy Briefs for CARDI for presentation to CARICOM Ministers of Agriculture in 2012: Climate change and water availability in the Caribbean; Enhanced Water resources management; and Soil water management for sustainable agricultural production.
- Lead Local Consultant for the Environmental Assessment and Environmental and Social Management Framework document for GoG/UG World Bank funded Sciences and Technology Support Project, April-June 2011.
- Payment for Ecosystem Services Study and Training for Guyana Forestry Commission. Lead Consultant. ITTO/GFC October 2010-April 2011.
- Undertook study on Climate Change, Women and Poverty in Guyana, November 2009 to April 2010.

- Undertook Diagnostic and Analytical Review of Environmental Governance Systems in Guyana under the CARICOM-CIDA Trade and Competitiveness Project (A-32281).
- Conducted training in Environmental Management for Guyana Geology and Mines Commission Officers, September 21-24, 2009.
- Conducted training for key institutions on preparation of a Participatory Watershed Management Plan as part of the Sustainable Land Management Capacity Building project.
- Prepared Strategy and Action Plan for public education, information and capacity Building with regards to Climate Change for National Climate Unit, Ministry of Agriculture, Ministry of Agriculture, and December 3, 2009.
- Conduct Final Baseline and KAP Study for Oxfam on Disaster related Risks and Coping Strategies of Six Communities in Region #4, Guyana, December 2008-January 2009
- Preparation of Chapter on Public Education and Capacity Building for Second National Communication for UNFCCC, December 2009.
- Team Leader for the preparation of an Environmental Management System for Small and Medium Scale Gold Miners in Guyana. November- December 2009.
- Provision of Environmental Management Training for Mining Officers and Miners, December 2008 to 2009.
- Team Leader for Hazardous Waste Inventory as required by the Basel Convention EPA/UNDP Project.2006
- Conducted the National Capacity Self-Assessment (NCSA) for the United Nations Convention on Biological Diversity November 2005-February 2006.
- Design of Facilitators and Participants Training Manuals on Disaster Preparedness for Oxfam, GB. March-June 2008.
- Conducted Baseline and KAP Study for Oxfam on Disaster related Risks and Coping Strategies of Six Communities in Region #4, Guyana. January-April 2008.
- Conducted Situational Analysis of Institutional Framework for Water Management in Guyana under the UNCCD, November 2008.
- Peer Reviewed FSC Report on Iwokrama Timber Incorporated, Iwokrama Forest, Guyana, South America, and December 2007.
- Prepared Policy Discussion Paper on Climate Change for Commonwealth Finance Ministers Meeting, Georgetown, Guyana, and October 2007.
- Prepared Country Study and National Report on Biodiversity Management: Guyana for ACTO, November 2006-April 2007.
- Reviewed and updated Issue Paper on Women, Environment and Sustainable Development in Guyana, June-July 2007. The first paper was prepared by Paulette Bynoe and Mark Bynoe.
- Facilitated Commonwealth Civil Society Meeting on Climate Change and Poverty Reduction, Guyana, July 18-20, 2007.
- Review of the Guyana EPA IDB Funded Environmental Management Programme-Phase II, October 2006.
- Assessment of Environmental Education Interventions in Schools, February-May, 2006.

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- Review of EIA procedures and guidelines and provision of training in EIA for EPA and sector agencies, EPA/IADB Project, December 2005-April 2006.
- Prepared policy brief on situation of indigenous peoples of the Commonwealth for Pan Commonwealth Meeting on Gender, Youth and Indigenous Peoples scheduled for October 2005, Georgetown, Guyana.
- Reviewed six Regional (Africa, Asia, Caribbean and Pacific) Commonwealth Youth Programme Distance Education Modules on Political Economy of Poverty and Poverty Reduction, Personality Development and Communication, Population and Family Life Education Action Research, Caribbean Social Structures and Issues and Pacific Studies.
- Prepared Guyana's Assessment Report for the International Review of the Barbados Programme of Action plus 10, 2003.
- Conducted Socio- Economic Assessment of the Vulnerability of Guyana's Coast. February-April 2000. OAS under CPAAC Project.

## Research/Publications

### Most Recent Peer Reviewed Book Chapters and Journal Articles

- **In Review: "Social and Cultural Dimensions to Flood Risk Management in Guyana". *International Journal of Environment and Sustainable Development*.**
- **In Review. Bynoe, P. *Local Climate Change Perceptions and Adaptation Practices: Perspectives from Guyana and Suriname*. UWI Press, Mona Campus.**
- Bynoe, P. and Simmons, S. (2014) An Appraisal of Climate Change Education at the Primary Level in Guyana. *In: Caribbean Geography 2014, V. 19*. pp. 89-103.
- Griffith C., Spence, B., Bynoe, P., Roberts, D. And Wilson, L. (2014) Land Tenure and Natural Disaster Management in the Caribbean. *Land Tenure Journal, Food and Agricultural Organisations of the United Nations*. pp. 137-164.
- Bynoe, P. (2014) Tourism in Guyana. *Springer 2014. Encyclopaedia of Tourism*.  
<http://refworks.springer.com/mrw/index.php?id=5631>
- Bynoe, P. (2014) The Political Economy of Transitioning to a Green Economy in Guyana. In: Halton, A. Strachan, J. and Smith, N. (Eds) *Transitioning to a Green Economy: Political Economy of Approaches in Small States*. London: Commonwealth Secretariat.

- Bynoe, P. (2013) Whither Sustainable Small and Medium Scale Mining in Guyana? In: Timothy A. Koomson and Kwabena O. Asubonteng (Eds) *Collaborative Governance in the Extractive Industry*. Accra: UNU-INRA. Pp.82-102.
- Bynoe, P (2010) Avoided Deforestation, Capacity Building and Forest Finance in Guyana: finding a Niche to influence Policy. In Chevening Fellowships, *Economics of Climate Change-A Global Perspective*. Cambridge: Cambridge University Press.
- Bynoe, P. (2012) Designing and Implementing IWRM Policies for Guyana: Pitfalls and Prospects. In Powell, L. and Mitra, S. (Eds) *Perspectives on Water*. New Delhi. Observer research Foundation. pp. 107-132.
- Bynoe, P. (2007) Urban Dynamics and Environmental Sustainability (MDG # 7): *A Case Study of Seven Squatting Areas in Georgetown, Guyana*. In Aragon (Ed) *Population and the Environment in Pan-Amerozonia*, pp.225-236.
- 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 Funnel, D. (2007) Ecotourism and Institutional Structures: The Case of North Rupununi, Guyana. In *Journal of Ecotourism, Vol.6, No. 3. pp 163-183*.
- “Education: A Priority for the Sustainable Development of Guyana”. In *Transition No. 26. An Institute of Development Studies and Faculty of Social Sciences Journal*. University of Guyana, June 1997.
- Bynoe, P. (1997) An Analysis of the Provision of Environmental Education in Caribbean National Environmental Action Plans (NEAPs), *Journal of Environmental Education Research, Vol. 3. No. 1, 1997, pp. 59 -68*.
- Bynoe, P. (1996) “Environmental Education at the University of Guyana: Current Trends and Future Challenges”. In Murphy etal. (Eds.) *From Belgrade to Bradford, Commonwealth of Learning*, Vancouver.

### Conference Proceedings

- Bynoe, P. (2015). *An Investigation of the Potential Impact of Global Sea Level Rise on Guyana’s Coast and the Current Adaptive Capacity*. Presented at the LIGA 2015 Workshop, Cayenne, November 25, 2015.



- Bynoe, P. (2015). *Exploring Issues in Climate Change Education and Action in Guyana*. at the 8<sup>th</sup> World Environmental Education Congress, Gothenburg, Sweden, June 29-July 2, 2015.
- Bynoe, P. And Simmons, D. (2015). *Environmental Sustainability Assessment of Forage Sorghum (Sorghum Bicolor) and MULATO II Grass (Brachiaria hybrid, CIAT 36087) in Belle Vue, Saint Kitts*. Technical Paper for Oral Presentation at 2015 IFAMA Symposium, St. Paul, Minnesota, USA, June 14-15, 2015.
- Bynoe, P. (2015). *Green Economy in Guyana: A Community Perspective*. Paper presented at Caribbean Green Economy Conference 2015, Kingston, Jamaica. February, 23-24, 2015
- Bynoe, P. (2014). *Managing Disaster Vulnerability and Risks*. OECS 4<sup>th</sup> Annual Seminar on Climate Change and Natural Hazards. Kingstown, Saint Vincent and the Grenadines, September 16-18, 2014.
- Bynoe, P. (2013). *Investing in Social Resilience: A Development Imperative*. 8<sup>th</sup> Comprehensive Disaster Management Conference. Montego Bay, December 5-8, 2013.
- Bynoe, P. (2012). *Promoting Education for Public Engagement in Climate Change Mitigation and Adaptation in Guyana*. CTO Conference, April 16, 2012. Georgetown, Guyana.
- Bynoe, P. (2010). *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.  
[http://www.cardi.org/wp-content/themes/default/files/climatechange2010/PBynoeCasestudy\\_Guyana.pdf](http://www.cardi.org/wp-content/themes/default/files/climatechange2010/PBynoeCasestudy_Guyana.pdf)
- Bynoe, P. and Opadeyi, J. (2009). *Development of a Watershed Management Plan for the Demerara Sub-Watershed in Guyana*. Available on-line at [http://www.cehi.org.lc/cef5/documents/CEF%20papers%20and%20presentations/PAPER S/Parallel%20Session%205%20Water%20Resources%20and%20Coastal%20Areas%20Management/Paulette%20Bynoe%20and%20Jacob%20Opadeyi%20Development%20of%20a%20Watershed%20Management%20Plan.pdf](http://www.cehi.org.lc/cef5/documents/CEF%20papers%20and%20presentations/PAPER%20S/Parallel%20Session%205%20Water%20Resources%20and%20Coastal%20Areas%20Management/Paulette%20Bynoe%20and%20Jacob%20Opadeyi%20Development%20of%20a%20Watershed%20Management%20Plan.pdf)
- Bynoe, P. (2007). *Ecotourism as a driver for sustainable development: The Case of North Rupununi, Guyana*. Paper published in Jamaica Institute for Environmental Professionals Conference Proceedings. Kingston.
- Bynoe, P. (2007). *Environmental Stewardship, EIA and the Private Sector in Guyana: An Uneasy Alliance?* Paper published in IAIA Conference Proceedings in May 2007 and abridged version in Newsletter. Washington.

- Lee, R. and Bynoe, P. (2006). *Advancing Environmental Awareness and ultimately Sustainable Development in the Caribbean through the use of Religion*. Paper published in Proceedings of Third Caribbean Environmental Forum and Exhibition, held in Antigua, June 5-9, 2006.
- *Ecotourism and Institutional Arrangements in Guyana: Does it Matter?* Paper presented at Ecotourism Conference at Lancaster University, UK, January 13-14, 2005 and American Association of Geographers 101<sup>st</sup> Meeting, Denver, Colorado, USA. April 5-9, 2005.
- Bynoe, M. and Bynoe, P. (1998). “Environmental Regulations and Trade Competitiveness: A Study of the Guyana Sugar Industry”. *Paper prepared for the CSA 23<sup>rd</sup> Annual International Conference* held in Antigua on 28 May 1998.

#### *Other Selected Publications*

- Bynoe, P. and Bynoe, M. (1998). Issue Paper 1: *Women, Environment and Sustainable Development*, Women’s Affairs, Bureau, Georgetown, Guyana.
- Bynoe, P (1996). Land Utilisation in the Caribbean and its Relevance to Guyana. Paper presented at the 28<sup>th</sup> International Geographical Congress, August 8, 1996. University of Hamburg, Germany.
- *Development and Environmental Degradation in the Caribbean*, Voices of the Youth- A Commonwealth Publication, June 1993.
- *You (th) Can Make a Difference*, Youth Touch Magazine, April, CCA, 1993.
- *Reflections on the Environment*, CYP Newsletter, November 1992.

#### *Unpublished (Scholarly) Work*

- *Environmental Education in Caribbean Universities*. M Phil thesis. University of Bradford, England. 1995
- *Ecotourism, Institutions and Livelihoods: A Study of North Rupununi, Guyana*. PhD Dissertation. University of Sussex, 2005.

## **Papers (based on Research) presented at Scholarly Gatherings**

### ***Keynote/Feature Addresses***

- *Social Investment for Disaster Resilience: A Development Imperative.* CDEMA 8<sup>th</sup> Comprehensive Disaster Management Conference. December 6, 2013.
- *Integrating Environmental Assessment in project Planning and Design.* IADB Project Manager's Breakfast Forum. Georgetown, September 25, 2013.
- *From the academic to the tangible-the role of the education sector in building resilience*". Feature Address at Session 2b at CMDEMA 7<sup>th</sup> CDM conference in Montego Bay, Jamaica, December 3-7, 2012.
- *Striking the right balance in mitigating the flood hazard: An examination of structural and non-structural measures.* CDEMA Annual; Seminar, Barbados, March 15, 2011.
- *Building Partnerships for Resilience: Mainstreaming Climate Change Adaptation into Disaster Risk Reduction.* Fifth Caribbean Conference on Comprehensive Disaster Management, Montego Bay, Jamaica, December 5-10, 2010.
- *Enhancing Sustainable Livelihoods through Protected Areas.* Keynote Speech delivered at OECS OPAAL Seminar, Vieux Fort, St. Lucia, July 4, 2010.
- *Promoting Sustainable Livelihoods for Youth.* Keynote delivered at Commonwealth Youth Forum, Malta, November 19, 2005.

### ***Other Scholarly Presentations***

- *Energy Development and Consumption in the 21<sup>st</sup> Century.* Biennial of the Americas, Denver, July 16-19, 2013.
- *Indigenous Perception of Climate Change, its Impacts and Coping Strategies for Sustainable Livelihoods in Guyana and Suriname.* Paper presented at the FORENET Scientific Workshop, December 18-19, 2012 in Montpellier, France,
- *Internal Migration and its association with Development: The Case of the Small State of Guyana.* Presented at Internal Migration in Pan Amazonia International Seminar. October 17-18, 2012, Belem, Para, Brazil.
- *Promoting Gender Sensitivity in Disaster risk reduction and Climate Change Adaptation in the Caribbean.* Adaptation Futures International Climate Change Conference, May 29-31, 2012, Tucson, Arizona.
- *Guyana's REDD Plus Initiatives: Exploring the Issues.* 2<sup>nd</sup> Annual National Biodiversity Research Poster and Paper Symposium, February 8, 2012, Port of Spain, Trinidad.
- *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.
- *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 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 in Costa Rica, August 3 – September 3, 2009.
  - *Participatory Monitoring*. 5<sup>th</sup> 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 and 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 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 4<sup>TH</sup> 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.
- *Ecotourism as a Driver of Sustainable Development: a case study of North Rupununi, Guyana, Jamaica, May 16, 2007*.
- *Greening Rice Milling: A Case Study of Rice Milling in Guyana by Denise Simmons<sup>1</sup> and Paulette Bynoe* Guyana, Jamaica, May 16, 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 10<sup>th</sup> Anniversary Conference, University of the West Indies, St. Augustine, Trinidad, October 16, 2006.
- *The Integration of GIS and Remote Sensing Education in University of Guyana's Curricula: Constraints and Possibilities*. Paper presented at Regional Workshop on Evaluating the Impact of 1990-2004 Series of the UN/Sweden International Training Course on Remote Sensing Education for Educators, Sao Jose dos Campos, Sao Paulo, Brazil, January 21-25, 2005.
- *EIA and Biodiversity and EIA and EIA –A Tool for Coastal Zone Management*. Paper presented at EPA sponsored workshops in Georgetown during the period September and October 2001.
- *History and Development of the EIA, Environmental Impact Statement (EIS) and Social Impact Assessment and Public Participation*. Paper presented at EIA workshops held in January, February, and April 1999 for the public and private sectors respectively.

## **Other Experiences related to Private Sector Agencies and Other Institutions (1999 to present)**

### **Independent EIA Consultant/Member of EIA Team**

- Preparation of Environmental Management Plan for Black Bush Polder Rehabilitation Road Project (August-November 2008).
- Lead Consultant for Beneficiary Survey for Urban and Pilot Project Design “Support for Second Low Income Settlement Programme”. GY-T1059. IADB, Washington, June-October 2008
- Social Specialist for Urban and Pilot Project Design “Support for Second Low Income Settlement Programme”. GY-T1059. IADB, Washington. June-October 2008
- Lead Consultant for Baseline Survey on Water Treatment Plants Service Areas,

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

- GOG/World Bank Project. May-October, 2008.
- Prepared Study on Climate Change and Gender: A Case Study of Surama, Guyana. UNDP/CDMI Project, University of the West Indies, Mona Campus. May-August, 2008.
  - Prepared Environmental Management Plan for Linden Hospital Complex, Guyana. April 2008.
  - Prepared Environmental Management Plan for Cacique Suites, October 2007.
  - Prepared SIA for Petroleum Processing Project, Crab Island, Region #6, Guyana. 2005-2006.
  - Prepared Environmental Management Plan for Cane Grove Milling Company, December 2006 –February 2007.
  - Work with technical team to prepare a Strategic Environmental Assessment of the Mining Sector. GOG/World Bank Project, April 2006.
  - Conducted a training course on Participatory Monitoring and Evaluation (PM & E) for Project Managers of the Caribbean Regional Environment Programme (CREP) Amenity Areas Project in 12 countries. Bahamas, October 21-24, 2005.
  - Worked as Senior Environmental Specialist with SNC-Lavalin Engineering Company on the Gambia Water Supply and Sanitation Project, The Gambia, West Africa, March 10-31, 2005.
  - Conducted SIA East Bank Demerara Road Rehabilitation Project with SNC -Lavalin Engineering Company (Canadian Based) as part of a feasibility study for CDB June-September 2002
  - EIA team leader for Marshall Falls Sustainable Tourism and organic farming Project. October 2001.
  - Conducted Social Impact Assessment for GINMIN Bauxite and Sand Mining Project as well as formulated Environmental Management Plan to address social issues, April-July 2001.
  - Conducted a Social Impact Assessment for Barama Road Construction Project, Region 2. March to May 2000 and with other consultants developed Barama's Interim Environmental Management Plan (May 6- 8, 2000) and EIA report for Barama Company.
  - Conducted EIA for Mahaica-Rosignol Road Rehabilitation Project with SNC -Lavalin Engineering Company (Canadian Based) as part of a feasibility study. June-July 2000
  - Conducted study and formulated Resettlement Plan for the Mahaica-Rosignol Road Rehabilitation Project with SNC-Lavalin Company (Canadian Based) -Jan-April, 2001.
  - Conducted Social Assessment for the Eccles Landfill Site for IDB Funded Project as part of the Ground Structures Engineering Consultants Ltd, March 2000
  - Conducted a Social Impact Assessment, in collaboration with Ecologistics International (Canadian Company) of Guysuco's Skeldon Expansion Project July 1999 to May 2000.
  - Conducted an Environmental Impact Assessment Study for Guyana Greenfarm Inc. (Agricultural Project) and developed the Environmental Management Plan as a member of a team of consultants April- May 1999
  - Conducted an Environmental Assessment of the Low Income Housing Project located at Tuschen, East Bank, Essequibo for S.R.K.N' gineering Ltd.1998

### **Professional/Public Service Positions**

- Board Member, Guyana Water Inc. and Chairperson of the Water Resources Sub-Committee. July 2012-June 2014.
- Member of the President of Guyana's Multi-Stakeholder Steering Committee for the Low Carbon Development Strategy. Current.
- Fellow, Wolfson College, Cambridge University, United Kingdom. Current.
- Guyana's Representative on Management Board and Technical Advisory Committee, Regional Monitoring and Evaluation System for DRM and CCA in the Caribbean Tourism Sector. Current.
- Member, Civil Society Group, IDB Projects, 2009 to present.
- Member of Regional Team of Experts, Caribbean Disaster Management Project-JICA/CDEMA, 2008 to 2012.
- Executive member, Guyana Marine Turtle Conservation Association: Current
- Chair, University of Guyana Committee to respond to Guyana's Low Carbon Development Strategy (LCDS), July-September 2009.
- Vice-Chair, Education Sub- Committee, Caribbean Disaster Management Agency (CDEMA), 2008 to present.
- Member of Scientific Advisory Committee (SAG), FORENET, ACP Countries. 2009-2012
- Member, Iwokrama International Scientific Committee. Current
- Member of National Biodiversity Committee. Current.
- Member of CAPE Environmental Science Panel.
- Vice-President, Caribbean Association of Environmental Professionals, May 2007 to present.
- Chairperson, Committee for Earth Day and World Environment Day Celebrations 2006 to present.
- Judge for Commonwealth Secretariat Youth Gold Awards, June 2005.
- Member of Caribbean Association of Environmental Professionals, 2005.
- Member of the Association of American Geographers, 2004 to present.
- Assistant Chief Examiner for CAPE Environmental Science 2001
- Member of Board of Directors, Caribbean Conservation Association from 1996 to 2001
- Member of Board of Directors, Guyana Environmental Protection Agency from 1997 to 2001.

### **Awards/Scholarships/Grants**

- Government of Guyana Golden Arrow of Achievement, 2015.
- Chevening Fellowship, 2010.
- Swedish International Development Agency Grant, 2007.
- University of Guyana/European Union Scholarship, 2001.
- Smithsonian Institute, 1997.

- British Council Award, 1995.
- United Nations Environment Programme Award, 1995.
- World Wide Fund for Nature Scholarship, 1995.
- University of Guyana/European Union Scholarship, 1994.
- Best Graduating Student of Geography -1989.
- Faculty of Arts Prize, 1987.
- Public Service Management / Government of Guyana Award, 1984.
- Most Dedicated Teacher Award, West Demerara Secondary School, 1982.

**Language Skills**

	<b>Speaking</b>	<b>Reading</b>	<b>Understand</b>
<b>English</b>	Excellent	Excellent	Excellent
<b>Spanish</b>	Fair	Fair	Fair