

Curriculum Vitae

Summary

Professor Paulette Bynoe is currently the Dean (ag) of the School of Graduate Studies and Research, and the former Dean of the Faculty of Earth and Environmental Sciences at the University of Guyana. She holds a PhD in Geography (University of Sussex, UK); a MPhil in Environmental Education (University of Bradford); and a BA in Geography (University of Guyana). Professor Bynoe has approximately 24 years of professional accomplishment as an interdisciplinary trained Environmental Specialist who teaches graduate courses in community disaster risk management, environmental impact assessment, environmental research methods, and environmental resources policy. Her research interests are in natural resources and environmental policy, sustainable livelihoods, climate change and disaster vulnerability and resilience, and environmental education. In 2015, she was awarded the Golden Arrow of Achievement for her contribution to environmental education and training, research that informs policies on natural resources management. Professor Bynoe has served in various capacities regionally and internationally, including Lead Climate Change Negotiator for Guyana (2016-2019), Lead Climate Change Negotiator for G77 and China (2020), Mentor for the Commonwealth Futures Climate Research Cohort (2021), AOSIS Coordinator for High Level Climate Actions (2019-2020). Currently, she is a Member of the Global Water Partnership (International) Steering Committee, Chair of the Global Water Partnership-Caribbean, Member of the Pool of Experts for the World Ocean Assessment III, and Chair of the Kyoto Protocol Compliance Committee-Enforcement Branch under the United Nations Framework Convention on Climate Change (UNFCCC).

1.0 Personal Information			
Full Name of Staff	Paulette Euranie Bynoe		
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Telephone	+592-216-2635 or +592 616 3703		
Email	paulette.bynoe@uog.edu.gy ; bynoep2000@yahoo.com		
Unit	UG School of Graduate Studies and Research (UGSGSR)		
Current Academic Position	Senior Lecturer		
Administrative Position	Dean, UG School of Graduate Studies and Research (SGSR)		
2.0 Educational Attainment			
Year	Institution	Qualification Attained/Certificate	Programme of study
2005	University of Sussex (UK)	PhD	Geography (Thesis focus: Ecotourism, Institutions and Sustainable Livelihoods)
1995	University of Bradford (UK)	MPhil	Environmental Education
1989	University of Guyana	BA	Geography
Certificate Programmes			
2019	International Impact Assessment Association (IAIA)	Cumulative Effects Assessment	

2018	Soil Association Certification Ltd., (UK)	Responsible Forest Management and sustainable Forest Product Supply Chains
2011	Japanese International Cooperation Agency	Flood Risk Analysis and Community Based Disaster Management Training Programme
2010	University of Cambridge (UK)	Economics of Climate Change, including climate change science, adaptation, mitigation, economic appraisal, climate negotiations, and awareness and advocacy.
2007	International Association of Impact Assessment (Seoul, South Korea)	Sustainability Assessment
2001	Stockholm University, Sweden,	Remote Sensing Education for Educators
2001	International Association of Impact Assessment, Hong Kong	Strategic Environmental Assessment and Environmental Impact Assessment
1998	University of Dalhousie (Canada)	Environmental Management, including Environmental Impact Assessment
3.0 Academic Awards and Fellowships		
Year	Title of Award/Fellowship	Awarding Institution
1982	Most Dedicated Teacher Award	West Demerara Secondary School
1984	Undergraduate Degree Programme	Public Service Management / Government of Guyana Award
1987	Faculty of Arts Prize for Outstanding Second Year Student	Faculty of Arts, University of Guyana
1989	Best Graduating Student of Geography	Department of Geography, University of Guyana
1995	Post Graduate Student (Environmental Education)	Duke of Edinburgh/British Council Award, 1995
2001	PhD Scholarship	University of Guyana/European Union
1994	MPhil Scholarship	University of Guyana/European Union
2007	Swedish International Development Agency Grant	Swedish International Development Agency
2010	Chevening Fellowship	British Council
Other		
2015	Golden Arrow of Achievement (AA) for environmental education, awareness and training and for research contribution to	The Cooperative Republic of Guyana

	natural resource/environment policy making	
4.0 Most recent teaching duties over the past 5 years		
Year	Course Code	Course title
The University of the West Indies, St Augustine Campus		
2013 -2018	BIO 6214	Environmental Resource Policy (component of MSc Programme in Biodiversity and Sustainable Development for CARPIMS Project) online programme delivered to students in Belize, Fiji, Solomon Islands, Belize, Barbados, Guyana, Suriname, Haiti, and Trinidad and Tobago, among others
University of Guyana		
PhD in Biodiversity		
2015-2016	BDS6002	Research Methods
Post graduate Diploma MSc in Environmental Management Programme		
2014 to 2018	ENV 5107	Introduction to Environmental Management
2014 to 2018	ENV 5207	Environmental Research Methods
2013 to 2017	ENV 5101	Contemporary Environmental Issues
2013 to 2017	ENV 5301	Environmental Impact Assessment
2013 to 2016	ENV 5210	Community Based Disaster Risk Management
2014 to 2016	ENV 5105	Disaster Risk Management in the Caribbean
Undergraduate level		
1995-2013	ENV 1101	Introduction to Environmental Education
1995-2013	ENV 221	Environmental Issues IN Guyana and the Caribbean
1995-2013	TST 121	Introduction to Ecotourism
1995-2013	GEO 3201	Spatial Issues in the Caribbean and Latin America
2018	LAM1102	Sustainable Land Management
2018	ENV 3105	Introduction to Environmental Policy and Governance
5.0 Administrative Responsibilities over the past 5 years		
Period (from-to)	Responsibility	
March 2021 to present	Deputy Dean/Dean of the School of Graduate Studies and Research (SGSR)	
2016 to 2018	Dean of Faculty of Earth and Environmental Sciences (FEES): In addition to duties outlined under Director of SEES, the following tasks were added:	

	Spearheaded development of new BSc Environmental Sciences Programme, as well as Professional Diploma in Land Management and Administration.
2013-2016 and 2009-2013	<p>Director of SEES</p> <p>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.</p> <p>Develop and lecture post-graduate and undergraduate courses.</p> <p>Establish networks with stakeholders (academic, private sector, regional and national institutions, among others)</p> <p>Provide leadership in the areas of research and public outreach.</p>
2008-2009	<p>Director (ag) of SEES</p> <p>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.</p> <p>Lecture post-graduate and undergraduate courses.</p> <p>Establish networks with stakeholders (academic, private sector, regional and national institutions, among others)</p> <p>Provide leadership in the areas of research and public outreach.</p>
1995-2011	Mentor, Final Year Students
2005-2009	Coordinator of Students' Research Projects
Jan-Dec. 2020	<p>Senior Technical Expert, G77 and China Secretariat, Ministry of Foreign Affairs and International Cooperation, Georgetown, Guyana.</p> <p>Responsibilities:</p> <p>Convene and conduct G77 and China Plenary meetings.</p> <p>Participate and represent the Group in climate change meeting, as deemed necessary.</p> <p>Prepare and deliver statements on behalf of the Group at special meetings</p> <p>Provide leadership in the collective setting of strategic goals for CoP meeting scheduled for 2021</p>

6.0 List of Ongoing and Recently Completed Research Projects	
Title	Collaborator(s)
Ongoing	
Climate Change Vulnerability of selected local communities' fishery systems in Guyana.	-
Completed	
Urban Flood Risk Management in Georgetown, Guyana and Kingston, Jamaica.	Arpita Mandal
The Health System Response to climate Change in Guyana: A Mixed-Methods Case Study (Draft submitted to WHO) 2022-2023. WHO Project.	Cecil Boston, Reeta Gobin, Quincy Jones, Nayan Persaud, Olly Perreira, Sharlene Goberdhan and Ashley Barakat
Confronting the Challenge of Managing Informal Settlements: A Critical Review of the Case of Plastic City in Guyana. 2019.	Rawle Edinboro and Diana Khadija Benn
An Assessment of Secondary and Post- Secondary School Students' Awareness, Attitudes and Behaviour of towards Global Environmental Problems. 2018.	
Climate Risks, Vulnerability and Adaptation Options: Implications for the Lethem Development Plan. A CCORAL Project financed by the CARICOM Climate Change Centre 5Cs.	Seon Hamer, Denise Simons, Allyson Stoll, among others
IPCC Sea Level Rise Projects and the implications for selected coastal communities in Guyana.	
Urban Governance and Environmental Sustainability in Georgetown, Guyana	
Public Opinion on Water Resources Management and Climate Change in the Guyana Amazon (An ACTO Research Project).	Denise Simmons, Marlon Bristol and Linda Bhola Johnson
Interdependence between Ecotourism and Biodiversity Conservation July- August 2016	Jewel Liddell
Biodiversity Use and Rural Poverty Alleviation July-August 2016.	-
Improving the nutrition and health of CARICOM populations through sustainable agricultural technologies that increase food availability and diversity of food choices. UWI/McGuill/UG project. Principal Investigator (UG)	Denise Simmons. Jewel Liddell, Seon Hamer, Kaslyn Holder-Collins, and Dr. Elroy Charles

7.0 Selected Students' Thesis and Research Project Supervision Completed			
Year	Name of student	Title of thesis/project	Level
2022/2023	Floyd Rollins	An Assessment of the Efficiency of the Solid Waste Collection System in Georgetown, Guyana	MSc
2022/2023	Elon Mc Curdy	A Qualitative Assessment of the Institutional Framework for Hazardous Waste Management within the Guyana Oil and Gas Sector	MSc
2022/2023	Rehana Ragobeer	The Impacts of the Covid-19 Pandemic on the Operations of a Protected Area in Guyana	MSc
2022/2023	Waynace Forde	Public Participation in the Environmental Impact Assessment (EIA) Process in Developing countries: A Systematic Review	MSc
2017/2018	Rueben Robertson	Cassava Biodiversity: Implications for Green Marketing, Climate Change and Sustainability in Guyana	PhD
2017/2018	Leon Folkard	Goods and Services of Wetland Utilised by Households in Guyana: The Case of the Mahaica, Mahaicony and Abary Area.	MSc
2015/2016	Padmini Ragnauth	An Assessment of the effectiveness of Community Forestry Arrangements in Guyana	MSc (UWI)
	Hemwantie Singh	Community Participation as a Prerequisite to the Sound Management and Protection of the Dakoura Watershed	MSc (UG)
2014/2016	Renwick English	Examining the level of public health emergency preparedness and response of regional health institutions on the Coast of Guyana.	MSc (UG)
2014/2015	Shevon Wood	The Effect of Renewable Energy on Sustainable Livelihood in selected rural communities in Guyana	MSc (UG)
2011/2012	Colin Mattis	An Investigation into the readiness of Guyana for the implementation of the REDD+ Mechanism and the Achievement of a Low Carbon Economy	MSc (UWI)
2009	Andrew Thorington	Exploring the Environmental Impacts of the Development of Hydroelectric Energy in Guyana, 2009	MSc (UWI)
2009	Assanke Koedam	Flooding and Vulnerability: A Research on Experiences and Perceptions of households in Georgetown,	MSc (University of Amsterdam)

	Guyana	
2005 to 2013	<p>I have supervised over 60 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 UNFCCC and the UNCBD.</p> <p>For example, in 2012-2013</p> <p><i>Jewel Alleyne: An Examination of the Impact of Informal Environmental Education on Adults Visiting the Guyana Zoological Park</i></p> <p><i>Anita Wilson: An Investigation into the Vulnerability of Livelihoods and Structures (Buildings) to the Impacts of Flooding in St. Cuthbert's Mission</i></p>	BSc
8.0 Publications		
8.1 Refereed Journal articles		
Published		
<p>Bynoe, P., Wood, S. and Simmons, D. (2024). Greenhouse Gas Emissions from Petroleum Production in Guyana: An Examination of the Implications for the country's net carbon sink status. <i>Science Progress</i> 2024, Vol. 107(0) 1–57. DOI: 10.1177/00368504231218609 journals.sagepub.com/home/sci</p> <p>Bynoe, P. and Moonsammy, S. (2023). Energy Transition in a Developing Economy: Challenges, Prospects and Policy Considerations. Journal: Energy Policy. Link: https://systems.enpress-publisher.com/index.php/NRCR/article/view/2369 DOI: https://doi.org/10.24294/nrcr.v6i2.2369</p> <p>Diana Liverman, Nicolena vonHedemann, Patricia Nying'uro, Markku Rummukainen, Kerstin Stendahl, Miriam Gay-Antaki, Marlies Craig, Lorena Aguilar, Paulette Bynoe, Friedemann Call, Sarah Connors, Laura David, Andrew Ferrone, Bronwyn Hayward, Shiromani Jayawardena, Lamin Mai Touray, Jyoti Parikh, Minal Pathak, Rosa Perez, Anna Pirani, Anjal Prakash, Christiane Textor, Lourdes Tibig, Melinda Tignor, Çiğdem Tuğaç, Carolina Vera & Radha Wagle. (2022). <i>Survey of gender bias in the IPCC.</i> <i>Nature</i> 602, 30-32 (2022). doi: https://doi.org/10.1038/d41586-022-00208-1</p> <p>Bynoe, P. and Simmons, D. (2021). A Critical Review of the Guyana EIA Process for the Emerging Oil and Gas Sector. <i>Adv Environ Stud</i> 5(1):416-436.</p>		

- Chan, Sander; Boran, Idil; Van Asselt, Harro; Ellinger, Paula; Garcia, Miriam; Hale, Thomas; Hermwille, **Bynoe, Paulette et al** (2020). *Bolstering Global Climate Action Beyond 2020: A catalytic framework for ambition and sustainable development*". Global Policy. Article ID: GPOL12932; Article DOI: 10.1111/1758-5899.12932.
- Bynoe, P. (2019). The strategic role of higher education in the sustainable development of the Caribbean. *Higher Education in the Caribbean*, 31(31), p.60-90.
<http://www.iesalc.unesco.org/ess/index.php/ess3/issue/view/14/Higher%20Education%20in%20the%20Caribbean>
- Bynoe, P. (2019). Exploring the relationships between biodiversity use, rural poverty alleviation and ecotourism in Surama, Guyana. *Caribbean Geography*, 23,.
- Bynoe, P. (2019). Promoting arts-based environmental education in primary schools in Guyana. *Eco-Thinking*, 1(1). <https://www.eco-thinking.org/index.php/journal/article/view/995/614>
- Filho, W. L., Balogun, A.-L., Olayide, O., Azeiteiro, U. M., Ayal, D. Y., Chavez, D., Nagy, G. J., Bynoe, P., Oguge, O., Toamukum, Y. N., Saroar, M., & Li, C. (2019). Assessing the impacts of climate change in cities and their adaptive capacity: Towards transformative approaches to climate change adaptation and poverty reduction in urban areas in a set of developing countries. *Science of the Total Environment*, 692(2), p. 1175-1190.
https://www.researchgate.net/publication/334502338_Assessing_the_impacts_of_climate_change_in_cities_and_their_adaptive_capacity_Towards_transformative_approaches_to_climate_change_adaptation_and_poverty_reduction_in_urban_areas_in_a_set_of_developing
- Bynoe, P., & Simmons, S. (2014). An appraisal of climate change education at the primary level in Guyana. *Caribbean Geography*, 19, p. 89-103.
https://www.researchgate.net/publication/291308603_An_appraisal_of_climate_change_education_at_the_primary_level_in_Guyana
- Bynoe, P. (2014). Tourism in Guyana. *Encyclopaedia of Tourism*. Springer Link.
https://doi.org/10.1007/978-3-319-01669-6_607-2
- Griffith C., Spence, B., Bynoe, P., Roberts, D., & Wilson, L. (2014). Land tenure and natural disaster management in the Caribbean. *Land Tenure Journal*, (1), p. 137-164. <http://empres-i.fao.org/nr/land-tenure-journal/index.php/LTJ/article/view/94/122>
- Bynoe, P., & Funnell, D. C. (2007). Ecotourism and institutional structures: The case of North Rupununi, Guyana. *Journal of Ecotourism*, 6(3), p. 163-183. <https://doi.org/10.2167/joe155.0>
- Bynoe, P. (1997). Education: A priority for the sustainable development of Guyana. *Transition*, (26) - *Journal of the Institute of Development Studies & The Faculty of Social Sciences*.
- Bynoe, P., & Hale, W. (1997). An analysis of the provision of environmental education in Caribbean National Environmental Action Plans (NEAPs). *Journal of Environmental Education Research*, 3(1), p. 59 - 68. <https://doi.org/10.1080/1350462970030105>

8.2 Books

Bynoe, P. (2013). *Managing your farm (Farm to Fork model)*.

Bynoe, P., & Simmons, D. (2010). *Let's learn about climate change: A booklet for schools in Guyana* [booklet]

Bynoe, P., & de Souza, D. (Eds.). (2009). *Urban environment outlook 2009: GEO Georgetown. An integrated environmental assessment of Georgetown*. UNEP/ROLAC.

8.3 Book Chapters

Published

Berenguer E, Armenteras D, Alencar A, Almeida C, Aragão L, Barlow J, Bilbao B, Brando P, **Bynoe P**, Fearnside PM, Finer M, Flores BM, Jenkins CN, Silva Junior CHL, Lees AC, Smith CC, Souza C, García-Villacorta R. 2021. **Chapter 19: Drivers and Ecological Impacts of Deforestation and Forest Degradation**. In: C. Nobre, A. Encalada, E. Anderson, F.H. Roca Alcazar, M. Bustamante, C. Mena, M. Peña-Claros, G. Poveda, J.P. Rodriguez, S. Saleska, S. Trumbore, A.L. Val, L. Villa Nova, R. Abramovay, A. Alencar, A.C.R. Alzza, D. Armenteras, P. Artaxo, S. Athayde, H.T. Barretto Filho, J. Barlow, E. Berenguer, F. Bortolotto, F.A. Costa, M.H. Costa, N. Cuvi, P.M. Fearnside, J. Ferreira, B.M. Flores, S. Frieri, L.V. Gatti, J.M. Guayasamin, S. Hecht, M. Hirota, C. Hoorn, C. Josse, D.M. Lapola, C. Larrea, D.M. Larrea-Alcazar, Z. Lehm Ardaya, Y. Malhi, J.A. Marengo, J. Melack, M. Moraes R., P. Moutinho, M.R. Murmis, E.G. Neves, B. Paez, L. Painter, A. Ramos, M.C. Rosero-Peña, M. Schmink, P. Sist, H. ter Steege, P. Val, H. van der Voort, M. Varese, G. Zapata-Ríos (eds.) **Amazon Assessment Report 2021. United Nations Sustainable Development Solutions Network, New York, USA. pp. 19.1-19.41. Available at <https://www.theamazonwewant.org/spa-reports/>**

Fearnside PM, Berenguer E, Armenteras D, Duponchelle F, Guerra FM, Jenkins CN, **Bynoe P**, García-Villacorta R, Macedo M, Val AL, Almeida-Val VMF. 2021. **Chapter 20: Drivers and Impacts of Changes in Aquatic Ecosystems**. In: C. Nobre, A. Encalada, E. Anderson, F.H. Roca Alcazar, M. Bustamante, C. Mena, M. Peña-Claros, G. Poveda, J.P. Rodriguez, S. Saleska, S. Trumbore, A.L. Val, L. Villa Nova, R. Abramovay, A. Alencar, A.C.R. Alzza, D. Armenteras, P. Artaxo, S. Athayde, H.T. Barretto Filho, J. Barlow, E. Berenguer, F. Bortolotto, F.A. Costa, M.H. Costa, N. Cuvi, P.M. Fearnside, J. Ferreira, B.M. Flores, S. Frieri, L.V. Gatti, J.M. Guayasamin, S. Hecht, M. Hirota, C. Hoorn, C. Josse, D.M. Lapola, C. Larrea, D.M. Larrea-Alcazar, Z. Lehm Ardaya, Y. Malhi, J.A. Marengo, J. Melack, M. Moraes R., P. Moutinho, M.R. Murmis, E.G. Neves, B. Paez, L. Painter, A. Ramos, M.C. Rosero-Peña, M. Schmink, P. Sist, H. ter Steege, P. Val, H. van der Voort, M. Varese, G. Zapata-Ríos (eds.) **Amazon Assessment Report 2021. United Nations Sustainable Development Solutions Network, New York, USA. pp. 20.1-20.38. Available at <https://www.theamazonwewant.org/spa-reports/>**

- Alencar A, Painter L, Athayde S, **Bynoe P**, Duchelle AE, Hecht S, Murmis MR, Paez B, Soltani A. 2021. **Chapter 25: A Pan-Amazonian Sustainable Development Vision**. In: C. Nobre, A. Encalada, E. Anderson, F.H. Roca Alcazar, M. Bustamante, C. Mena, M. Peña-Claros, G. Poveda, J.P. Rodriguez, S. Saleska, S. Trumbore, A.L. Val, L. Villa Nova, R. Abramovay, A. Alencar, A.C.R. Alzza, D. Armenteras, P. Artaxo, S. Athayde, H.T. Barretto Filho, J. Barlow, E. Berenguer, F. Bortolotto, F.A. Costa, M.H. Costa, N. Cuvi, P.M. Fearnside, J. Ferreira, B.M. Flores, S. Frieri, L.V. Gatti, J.M. Guayasamin, S. Hecht, M. Hirota, C. Hoorn, C. Josse, D.M. Lapola, C. Larrea, D.M. Larrea-Alcazar, Z. Lehm Ardaya, Y. Malhi, J.A. Marengo, J. Melack, M. Moraes R., P. Moutinho, M.R. Murmis, E.G. Neves, B. Paez, L. Painter, A. Ramos, M.C. Rosero-Peña, M. Schmink, P. Sist, H. ter Steege, P. Val, H. van der Voort, M. Varese, G. Zapata-Ríos (eds.) Amazon Assessment Report 2021. United Nations Sustainable Development Solutions Network, New York, USA. pp. 25.1-25.34. Available at <https://www.theamazonwewant.org/spa-reports/>
- Painter L, Alencar A, Bennett A, **Bynoe P**, Guio C, Murmis MR, Paez B, Robison D, von Hildebrand M, Ochoa-Herrera V. 2021. **Chapter 26: Sustainable Development Goals (SDGs) and the Amazon**. In: C. Nobre, A. Encalada, E. Anderson, F.H. Roca Alcazar, M. Bustamante, C. Mena, M. Peña-Claros, G. Poveda, J.P. Rodriguez, S. Saleska, S. Trumbore, A.L. Val, L. Villa Nova, R. Abramovay, A. Alencar, A.C.R. Alzza, D. Armenteras, P. Artaxo, S. Athayde, H.T. Barretto Filho, J. Barlow, E. Berenguer, F. Bortolotto, F.A. Costa, M.H. Costa, N. Cuvi, P.M. Fearnside, J. Ferreira, B.M. Flores, S. Frieri, L.V. Gatti, J.M. Guayasamin, S. Hecht, M. Hirota, C. Hoorn, C. Josse, D.M. Lapola, C. Larrea, D.M. Larrea-Alcazar, Z. Lehm Ardaya, Y. Malhi, J.A. Marengo, J. Melack, M. Moraes R., P. Moutinho, M.R. Murmis, E.G. Neves, B. Paez, L. Painter, A. Ramos, M.C. Rosero-Peña, M. Schmink, P. Sist, H. ter Steege, P. Val, H. van der Voort, M. Varese, G. Zapata-Ríos (eds.) Amazon Assessment Report 2021. United Nations Sustainable Development Solutions Network, New York, USA. pp. 26.1-26.29. Available at <https://www.theamazonwewant.org/spa-reports/>
- Vu, C. T., Tuhumwire, J., Bynoe, P., Duong, T. M., Eliot, M., Hall, F., Ranasinghe, R., & de Schipper, M. Chapter 13: Changes in erosion and sedimentation. *World Ocean Review*.
- Bynoe, P. (2019). Examining the role of indigenous knowledge in sustainable living in the North Rupununi (Guyana). In D. B. Zanzvliet (Ed.), *Culture and environment: Weaving new connections* (pp.75-91). Brill.
- Bynoe, P. (2016). Climate change: Local perceptions and adaptation perspectives from Guyana and Suriname. In D. Barker, D. F. M. McGregor, K. Rhiney, & T. Edwards (Eds.), *Global change and the Caribbean: Adaptation and resilience* (pp. 249-267). The UWI Press.
- Bynoe, P. (2014). The political economy of transitioning to a green economy in Guyana. In A. Halton, J. Strachan, & N. Smith (Eds.), *Transitioning to a green economy: Political economy of approaches in small states* (pp.77-105). Commonwealth Secretariat.
- Bynoe, P. (2013). Whither sustainable small and medium scale mining in Guyana? In T. A. Koomson & K. O. Asubonteng (Eds.), *Collaborative governance in the extractive industry* (pp. 82-102). UNU-INRA.

- Bynoe, P. (2012). Designing and implementing IWRM policies for Guyana: Pitfalls and Prospects. In L. Powell, & S. Mittra, (Eds.), *Perspectives on water* (pp. 107-132). Observer Research Foundation.
- 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* (pp. 85-97). Cambridge University Press.
- Bynoe, P. and Bristol, M. (2009). The Impact of Human Capital Flight in Guyana. In *Aragon (ed) International Migration in Pan-Amazon, UNESCO, PP.255-262.*
- Bynoe, P., Simmons, D., Johnson-Bhola, L., Urlin H., Bristol, M., Chase, J., de Souza, D., Azore, F., Dabee-Johnson, R., Foo, C., & Rose, S. (2009). Chapter 2: State of the environment. In P. Bynoe & D. de Souza (Eds.), *Urban environment outlook 2009: GEO Georgetown*. An integrated environmental assessment of Georgetown. UNEP/ROLAC.
- Bynoe, P., Simmons, D., Johnson-Bhola, L., Urlin H., Bristol, M., Chase, J., de Souza, D., Azore, F., Dabee-Johnson, R., Foo, C., & Rose, S. (2009). Chapter 3: Impacts. In P. Bynoe & D. de Souza (Eds.), *Urban environment outlook 2009: GEO Georgetown*. An integrated environmental assessment of Georgetown. UNEP/ROLAC.
- Bynoe, P., Simmons, D., Johnson-Bhola, L., Urlin H., Bristol, M., Chase, J., de Souza, D., Azore, F., Dabee-Johnson, R., Foo, C., & Rose, S. (2009). Chapter 4: Responses. In P. Bynoe & D. de Souza (Eds.), *Urban environment outlook 2009: GEO Georgetown*. An integrated environmental assessment of Georgetown. UNEP/ROLAC.
- Bynoe, P., Simmons, D., Johnson-Bhola, L., Urlin H., Bristol, M., Chase, J., de Souza, D., Azore, F., Dabee-Johnson, R., Foo, C., & Rose, S. (2009). Chapter 5: Future perspectives (scenarios). In P. Bynoe & D. de Souza (Eds.), *Urban environment outlook 2009: GEO Georgetown*. An integrated environmental assessment of Georgetown. UNEP/ROLAC.
- 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-Amazonia*, 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. (1996) "Environmental Education at the University of Guyana: Current Trends and Future Challenges". In Murphy and Filho (Eds.) *From Belgrade to Bradford*, Commonwealth of Learning, Vancouver.
- 8.4 Selected Conference Presentations/Proceedings**
- Bynoe, P. (2023, June 7) *Challenges and Opportunities for addressing Climate Change Impacts on Water Resources in the Caribbean*. [Inaugural Caribbean Water Conference]. USAID. Bridgetown, Barbados.

- Bynoe, P. (2023, February 14) *The Amazon Under Threat: The Impacts of Degradation and Deforestation*. [G-STIC Conference]. Science Panel for the Amazon.
- Bynoe, P. (2023, January 15). *Climate, Water Resources and Sustainability: Options for the Caribbean*. [Confronting Multiple Crises and Uncertainties in/from the Americas]. Centre for InterAmerican Studies. Bielefeld University.
- Bynoe, P. (2021, March 17). *Transitioning to renewable energy while addressing social, economic and environmental issues: Policy perspectives on Guyana* [Webinar Series on Development Imagined]. University of Arizona.
- Bynoe, P. (2020, September 20). *Assessing the climate vulnerability of fishing communities Laborie in Saint Lucia and Manchioneal in Jamaica* [Webinar on Marine Resilience]. UWI, Mona Campus.
- Bynoe, P. (2019, April 29-May 2). *EIA and Indigenous Rights in Guyana: The role of Free, Prior and Informed Consent (FPIC)* [Paper presentation]. IAIA 2019 Conference, Brisbane.
- Bynoe, P., & Simmons, D. (2019, April 29-May 2). *Environmental impact assessment, community engagement and sustainability: Lessons from Guyana* [Paper presentation]. IAIA 2019 Conference, Brisbane.
- Simmons, D., & Bynoe, P. (2019, April 29-May 2). *Assessing the state of readiness of Guyana's EIA system* [Paper presentation]. IAIA 2019 Conference, Brisbane.
- Simmons, D., & Bynoe, P. (2016, May 16-17). *The role of climate data in building climate change resilience of communities in North Rupununi, Guyana* [Paper presentation]. National Consultation on Climate Services, Georgetown, Guyana.
- Bynoe, P. (2016, April 25-19). *Applying nature's lessons to build climate change resilience: A case study of indigenous communities in Guyana* [Paper presentation]. International Biomimicry Conference, Leticia, Amazonia.
- Bynoe, P. (2015, June 29-July 2). *Exploring issues in climate change education and action in Guyana* [Paper presentation]. The 8th World Environmental Education Congress, Gothenburg, Sweden.
- Bynoe, P. (2015, May 27). *Climate change adaptation: How is the civil society getting involved? Perspectives on involvement* [Paper presentation]. IADB Caribbean Civil Society Forum, Port of Spain, Trinidad.
- Bynoe, P. (2014, September 15). *Hazards vs. disasters-Presenting the vulnerabilities and managing risks* [Paper presentation]. OECS Media Forum on Climate Change. Kingstown, Saint Vincent and the Grenadines.
- Bynoe, P. (2014, August). *Environmental sustainability and food security* [Paper presentation]. CARICOM Food Security Project End of Project Knowledge Sharing Forum, Trinidad.

- Bynoe, P. (2014, April 11). *The water resources management sector in Guyana: Challenges, priorities, initiatives and progress* [Paper presentation]. IADB Meeting on Sectoral Framework for Water and Sanitation, Barbados.
- Bynoe, P. (2013, September 25). *Integrating environmental assessment in project planning and design* [Paper presentation]. IADB Project Manager's Breakfast Forum, Georgetown.
- Bynoe, P. (2013, August 13). *Promoting a systems analysis approach to sustainable policy development: A discourse* [Paper presentation]. Faculty of Natural Sciences International Sustainable Development Conference, Georgetown.
- Bynoe, P., & Simmons, D. (2013, August 13). *Use or mis-use of pesticides: Analysis of knowledge, attitudes and practices of farmers in the Caribbean* [Paper presentation]. Faculty of Natural Sciences International Sustainable Development Conference, Georgetown.
- Bynoe, P. (2013, July 16-19). *Energy development and consumption in the 21st century* [Paper presentation]. Biennial of the Americas, Denver.
- Bynoe, P. (2012, December 18-19). *Indigenous perception of climate change, its impacts and coping strategies for sustainable livelihoods in Guyana and Suriname* [Paper presentation]. FORENET Scientific Workshop, Montpellier, France.
- Bynoe, P. (2012, December 3-7). *From the academic to the tangible-the role of the education sector in building resilience* [Feature address]. Session 2b at CDEMA 7th CDM Conference in Montego Bay, Jamaica.
- Bynoe, P. (2012, October 17-18). *Internal migration and its association with development: The case of the small state of Guyana* [Paper presentation]. Internal Migration in Pan Amazonia International Seminar, Belem, Para, Brazil.
- Bynoe, P. (2012, May 29-31). *Promoting gender sensitivity in disaster risk reduction and climate change adaptation in the Caribbean* [Paper presentation]. Adaptation Futures International Climate Change Conference, Tucson, Arizona.
- Bynoe, P. (2012, February 8). *Guyana's REDD Plus Initiatives: Exploring the issues* [Paper presentation]. 2nd Annual National Biodiversity Research Poster and Paper Symposium, Port of Spain, Trinidad.
- Bynoe, P. (2011, March 15). *Striking the right balance in mitigating the flood hazard: An examination of structural and non-structural measures* [Paper presentation]. CDEMA Annual Seminar, Barbados.
- Bynoe, P. (2010, December 5-10). *Building partnerships for resilience: Mainstreaming climate change adaptation into disaster risk reduction* [Paper presentation]. Fifth Caribbean Conference on Comprehensive Disaster Management, Montego Bay, Jamaica.

- Bynoe, P. (2010, July 22). *Economics of climate change* [Paper presentation]. Private Sector meeting on Low Carbon High Growth-Creating Opportunities for Private Sector in Guyana, Georgetown.
- Bynoe, P. (2010, July 4). *Enhancing sustainable livelihoods through protected areas* [Keynote speech]. OECS OPAAL Seminar, Vieux Fort, St. Lucia.
- Bynoe, P., & Opadeyi J. (2010, June 21-25). *Development of a Watershed Management Plan for the Demerara Sub-Watershed in Guyana* [Paper presentation]. The Caribbean Environmental Forum 5, Montego Bay.
- Bynoe, P., & Opadeyi J. (2010, June 21-25). *Quantitative assessment of the impact of land use on the biophysical characteristics of Demerara Sub-Watershed in Guyana* [Paper presentation]. The Caribbean Environmental Forum 5, Montego Bay.
- Bynoe, P., & Simmons, D. (2010, June 21-25). *Energy efficiency and carbon emissions reduction: A review of Guyana's Low Carbon Development Strategy (LCDS)* [Paper presentation]. The Caribbean Environmental Forum 5, Montego Bay.
- Bynoe, P. (2010, June 16-18). *Building a case for planned climate change adaptation for Georgetown* [Paper presentation]. International Conference on Low Carbon development and Community Planning, Georgetown.
- Bynoe, P. (2009, December 8). *Reaching youth and communities: Good practices for promoting disaster risk management initiatives in the Caribbean* [Paper presentation].
- Bynoe, P. (2009, December 3-4). *Hydro-climatic disasters with specific focus on flood risk management; Policy, Legislation and Institutions for Disaster Management; and the Economics of Disasters* [Paper presentation]. National workshops for disaster and water resource managers in Trinidad.
- Bynoe, P. (2009, November 29 - December 1). *Hydro-climatic disasters with specific focus on flood risk management; Policy, Legislation and Institutions for Disaster Management; and the Economics of Disasters* [Paper presentation]. National workshops for disaster and water resource managers in Guyana.
- Bynoe, P. (2009, August 3 – September 3). *Carbon reductions, REDD and a low carbon economy: Guyana case study*. Lecture presented to US Policy Decision Makers during Course in Costa Rica.
- Bynoe, P., & Edinboro, R. (2009, January 9-10). *Flood mitigation in Georgetown: An examination of the role of a planner* [Paper presentation]. Conference on Critical Issues in Urban Areas, Trinidad.
- Bynoe, P., & Edinboro, R. (2009, January 9-10). *Integrated and sustainable development of the urban environment: Key issues on the way forward for planning education* [Paper presentation]. Conference on Critical Issues in Urban Areas, Trinidad.
- Bynoe, P. (2008, December 9). *Gender and climate change: A case study of Surama, Guyana* [Paper presentation]. CDERA Third Annual Conference on Disaster Management, Barbados.

Bynoe, P. (2008, December 9). *Adopting a Community Based Disaster Risk Management (CBDRM) approach: Lessons from Guyana* [Paper presentation]. CDERA Third Annual Conference on Disaster Management, Barbados.

Bynoe, P. (2008, November 19). *Participatory monitoring*. 5th Annual Civil Society Organisations Dialogue with the Caribbean Development Bank and the IADB, Georgetown.

Bynoe, P. (2008, June 25). *Climate change: A new challenge for human health and sanitation in Guyana* [Paper presentation]. 4th Biennial Caribbean Environmental Forum Session 6: New Challenges and Approaches to Human Health and Sanitation, St. George's University, Grenada.

Bynoe, P. (2008, June 6). *Social corporate responsibility and the private sector in Guyana* [Paper presentation]. Climate Change Forum, Georgetown, Guyana.

8.5 Selected Technical Work/Consultancies

Bynoe, P. (Consultant) (September 2023 - January 2023). "Preparation of COP 28 Strategy for Suriname **№ SUR2023-019**. Tasks included identification of key issues for Suriname to be addressed at COP 28, development of a Theory of Change based on Suriname's pursue to remain a carbon negative country, while it is planning to develop the oil and gas sector, as well provision of guidance to the Surinamese negotiators at the COP 28 sessions (AOSIS, G77 & China, SB59 sessions, COP28, CMP18 and CMA5).

Bynoe, P. Team Leader (May 2023-January 2024). Strategic Impact Assessment Consultancy in Resilience to Hurricanes in the Building Sector in Antigua and Barbuda.

Bynoe, P. (Member of Consultancy Team) (May 2021-2022). Develop a Regional Action Framework for Integrated Water Resources Management (IWRM) for the CARICOM Region.

Bynoe, P. Team Leader of a 1-year project (Jan-December 2022): Community Awareness and Education Programme (CAEP) under the Sea and River Defence Resilience Project funded by the Government of Guyana/Caribbean Development Bank.

Bynoe, P. Team Leader (2020): Environmental Audit and Preparation of EMP for Guyana Aviation Services Ltd.

Bynoe, P. (Team Leader) (2019): Environmental Audits and Preparation of EMPs for GUY OIL Bulk Fuel Storage Facilities in Guyana.

Bynoe, P. (Consultant). (2021, November- December) (Review and Preparation of revised EPA Screening Tool for Projects in Guyana.

Bynoe, P. (Team Leader). (2019-2020). Environmental Audit and Preparation of EMPs for GuyOil Bulk Storage Facilities and Guyana Aviation Services Ltd.

- Bynoe, P. (Team leader). (2019 – 2020). [Consulting services for mainstreaming “greening” learning concepts in the educational syllabus of the Caribbean Examination Council].
- Guyana Lands and Surveys Commission & Bynoe, P. (National Consultant). (2020). *Guyana’s National Drought Management and Adaptation Plan*. United Nations Convention to Combat Desertification (UNCCD) Drought Initiative. UNCCD Secretariat.
[https://knowledge.unccd.int/sites/default/files/country_profile_documents/NDMAP%20 Final %20Version_2_July%2023.pdf](https://knowledge.unccd.int/sites/default/files/country_profile_documents/NDMAP%20Final%20Version_2_July%2023.pdf)
- Bynoe, P. (Consultant). (2019, October) *Concept Note on Climate Change and Health*. Guyana. PAHO. Georgetown.
- Bynoe, P. (Consultant Researcher). (2019, March-August). [Consulting services at Faculty of Science and Technology, University of the West Indies, Mona Campus, Jamaica].
- Bynoe, P. (2018, April). [Stocktake report and the preparation of a Project Implementation Plan (PIP) for Guyana’s Initiation Biennial Report to the United Nations Framework Convention on Climate Change].
- Office of Climate Change, Ministry of the Presidency, & United Nations Children Fund (UNICEF). (2018, March). *Climate landscape analysis for children: An assessment of the impact of climate, energy and environment on children in Guyana*. UNICEF. Leadership and guidance by Dr. P. Bynoe.
<https://climatechange.gov.gy/en/index.php/resources/documents/61-guyana-climate-landscape-analysis-for-children/file>
- CXC (Host), GTZ Regional Office (Host), & Bynoe, P. (Facilitator). (2018, February-October). [Boot Camp and Green Engineering Boot Camp].
- Bynoe, P. (Team Leader). (2018, January-June). [Stocktake report for the Guyana Green State Development Strategy]. UN Environment.
- Bynoe, P. (2016, May-August). [Design of a National Solid Waste Management Education and Community Strategy for Guyana]. Ministry of Communities.
- Bynoe, P. (2016, May –July Knowledge, attitudes and practices of artisanal and small scale gold miners and communities with regard to mercury use and risks and based on the Minamata Convention. Ministry of Natural Resources/UNDP.*
- Bynoe, P. (2016, March). *Status of incorporation of disaster risk management and climate change adaptation in national public investment systems: Results for The Bahamas, Guyana and Jamaica and comparative analysis for five Caribbean countries* (IDB Technical Note ; 965).
<https://publications.iadb.org/bitstream/handle/11319/7729/Status-of-Incorporation-of-Disaster-Risk-Management-and-Climate-Change-Adaptation-in-National-Public-Investment-Systems-Results-for-The-Bahamas-Guyana-and-Jamaica-and-Comparative-Analysis-for-Five-Caribbean-Countries.pdf?sequence=1>

- Acclimatise & Bynoe, P. (Team Member). (2015). [Design of a Climate Resilience Strategy and Action Plan for Guyana including Project Concept Notes]
- Bynoe, P. (2016) Knowledge, attitudes and practices of artisanal and small scale gold miners and communities with regard to mercury use and risks and based on the Minamata Convention. Ministry of Natural Resources/UNDP.
- Bynoe, P. (Consultant). (2014, June). [Baseline survey on Level of awareness, knowledge and support for the Guyana Low Carbon Development Strategy]. Guyana Forestry Commission.
- Bynoe, P. (2013, December). [Design and implementation of an Integrated Disaster Risk Management Plan: "Strengthening National and Local Capacities for Disaster Response and Risk Reduction"]. Government of Guyana/IADB Technical Cooperation.
- Bynoe, P. (2013, July-August). [Developing Capacities in implementing REDD+. Government of Guyana/IADB Technical Cooperation.
- Bynoe, P. (2013, June-September). [Technical review of the Community Disaster Risk Reduction (CDRR) Programme]. CDEMA/OECS/DFID.
- Bynoe, P. (2012, April). *Case study on land tenure and natural disasters in Guyana* [FAO project]. Engineering Institute, St. Augustine, Trinidad.
- Bynoe, P. (2012, March-April). [Stock-taking and synthesis report for Guyana Rio Plus 20 -UN DESA project].
- Bynoe, P. (2012, March-April). [Study on Gender and biodiversity conservation in Guyana]. UNDP-GSF.
- Bynoe, P. & Thongs, G. (2012, January-June). [Social vulnerability study using GIS tools for Cayman Islands].
- Bynoe, P. (2012). *Climate change and water availability in the Caribbean; Enhanced water resources management; and Soil water management for sustainable agricultural production* [Policy briefs for CARDI for presentation to CARICOM Ministers of Agriculture].
- Bynoe, P. (2012). Integrated Water Resources Management Policy and Road Map for Guyana, 2011-2012 [GWP-C project].
- Bynoe, P. (Lead Consultant). (2011, April-June). [Environmental assessment and environmental and social management framework document for GoG/UG World Bank funded Sciences and Technology Support Project].
- Bynoe, P. (Lead Consultant). (2010 -2011). [Payment for ecosystem services study and training for Guyana Forestry Commission]. ITTO/GFC.

- Bynoe, P. (2009-2010). [Policy paper on climate change, women and poverty in Guyana].
- Bynoe, P. (2009, December 3). [Strategy and Action Plan for public education, information and capacity building with regards to Climate Change for National Climate Unit]. Ministry of Agriculture.
- Bynoe, P. (2009, December). [Chapter on Public education and capacity building for Second National Communication for UNFCCC].
- Bynoe, P. (Team Leader). (2009, November-December). [An environmental management system for small and medium scale gold miners in Guyana].
- Bynoe, P. (2009, September 21-24). [Report on training conducted on environmental management for Guyana Geology and Mines Commission Officers].
- Bynoe, P. (Consultant). (2009). *Case study on the impact of climate change on agriculture on an indigenous community in Guyana*. <https://iwokramariverlodge.com/wp-content/uploads/2014/07/guyana-case-study-climate-change-and-agriculture.pdf>
- Bynoe, P. (2008– 2009). [Final baseline and KAP study report for Oxfam on disaster related risks and coping strategies of six communities in Region #4, Guyana].
- Bynoe, P. (2008, November). [Situational analysis of institutional framework for water management in Guyana under the UNCCD].
- Bynoe, P. (2008, August-November). [Environmental Management Plan for Black Bush Polder rehabilitation road project].
- Bynoe, P. (Lead Consultant). (2008, June-October). [Beneficiary survey for urban and pilot project design “Support for Second Low Income Settlement Programme”]. IADB.
- Bynoe, P. (2008, June-October). [Diagnostic study (social environmental issues) for urban and pilot project design “Support for Second Low Income Settlement Programme”]. IADB.
- Bynoe, P. (Lead Consultant). (2008, May-October). [Baseline survey on water treatment plants service areas, GOG/World Bank Project].
- Bynoe, P. (2008, May-August). *Climate change and gender: A case study of Surama, Guyana*. [UNDP/CRMI Project]. University of the West Indies, Mona Campus.
- Bynoe, P. (2008, March-June). [Preparation of facilitators and participants training manuals on disaster preparedness for Oxfam, GB].
- Bynoe, P. (2008, April). [Environmental Management Plan for Linden Hospital Complex, Guyana].
- Bynoe, P. (2007, October). [Environmental Management Plan for Cacique Suites].

Bynoe, P. (2006– 2007). [Environmental Management Plan for Cane Grove Milling Company].

Bynoe, P. (2006, April). Strategic Environmental Assessment of the mining sector [GOG/World Bank Project].

Bynoe, P. (Team Leader). (2006). [Hazardous Waste Inventory as required by the Basel Convention EPA/UNDP Project].

Bynoe, P. (2005 – 2006). [National Capacity Self-Assessment (NCSA) for the United Nations Convention on Biological Diversity].

Bynoe, P. (2005-2006). [Social Impact Assessment for Petroleum Processing Project, Crab Island, Region #6, Guyana].

Bynoe, P. (2005, October 21-24). [Participatory Monitoring and Evaluation (PM & E) for project managers of the Caribbean Regional Environment Programme (CREP) Amenity Areas Project in 12 countries]. Bahamas.

Bynoe, P. (). [Diagnostic and analytical review paper on environmental governance systems in Guyana under the CARICOM-CIDA Trade and Competitiveness Project (A-32281)].

Bynoe, P. (2005). [Report on training for key institutions on preparation of a Participatory Watershed Management Plan as part of the Sustainable Land Management Capacity Building project].

9.0 Most Recent Contribution to Public Service

Period (from-to)	Name of Organization	Position	Service Provided
2021	UNFCCC Kyoto Protocol Compliance Committee- Enforcement Branch	Chair	Provision of guidance on whether a Party included in Annex I (Annex I Party) is not in compliance with its emissions targets, the methodological and reporting requirements for greenhouse gas inventories, and the eligibility requirements under the mechanisms, and the consequences.
2021 to present	Global Water Partnership	Member of Steering Committee and Chair of the Nominations Sub-Committee	Provision of policy guidance to realise the organization's vision of a water secure world through the advancement and management of water resources for sustainable and equitable development.
March 2018 to present	Global Water Partnership- Caribbean	Member and Current Chair of the	Provision of strategic direction of the GWP-C Programme, including

		Executive Steering Committee	the implementation of the approved work programme and budget.
April 2020 to present	Science Panel for the Amazon (SPA)	Member and Contributing Author	Provide, on a comprehensive, objective, open and transparent basis, information for a rigorous scientific assessment of the state of the diverse Amazon ecosystems, trends and implications for long-term well-being of the Region, as well as explore opportunities and policy relevant options conservation and sustainable development of the Amazon. The Science Panel for the Amazon will produce the first scientific review to cover the entire Amazon basin and its biomes-- to be released in 2021.
December 2020- January 2021	Inter-Governmental Panel on Climate Change (IPCC)	Expert Reviewer	Review of Chapter 18 of the 6 th Assessment Report on Climate Change
2020 August	Caribbean Examinations Council (CXC)	Convenor	Independent Review Panel (IRP to review the CXC ® Environmental Science Digital Toolkit which was developed under the CDB-financed project, <i>Facilitating Environmental Change Through Accessible Learning Resources</i> .
July-August 2020	Global Water Partnership (GWP)	Juror	Water ChangeMakers Awards initiative Jury Process-Stage 1
September 2020	Advisory Panel G77 and China Climate Change	Member	Provide support and oversight of major undertakings of Guyana's chairmanship, including addresses to the UN for the 75 th Anniversary, High Level G77 meetings on COVID 19 and development and on climate change.
Jan.2020- January 2021	G77 and China Climate Change Group	Chair	Convene and chair meeting; provide leadership with respect to the Group positions on various climate change issues etc.
May 2017 (Current)	Ministry of the Presidency	Lead Climate Change Negotiator	Participate in all regional and international UNFCCC meeting and

			propose recommendations for Guyana.
January 2014-December 2014	Guyana Protected Areas Commission	Director	Guidance on establishment and management of protected areas in Guyana
June 2012	Government of Guyana	Member of Delegation to the Rio Plus 20 Conference in Brazil	Insights on green economy, REDD Plus issues and climate change
2011 -2016	Guyana Water Inc.	Board Member and Chairperson of the Water Sub-Committee	Technical support and advice on GWI's work programme and national roadmap for IWRM
2009 to present	IADB Civil Society Committee	Member	Feedback on and monitoring of IADB funded projects in Guyana, plus advice on civil society programme of activities
10.0 Contribution to Professional Bodies			
Period (from-to)	Name of Organization	Position	Service Provided
2010 to present	International Impact Assessment Association	Member	Contribution to the work of IAIA and the profession through research and presentations.
2019 to present	Commonwealth Climate Resilience Network	Member	Sharing of knowledge to directly address the practical needs of universities and communities, and develop effective approaches to resilience and disaster preparedness.

2014 to present	Caribbean Examinations Council	Convenor, Green Engineering CAPE Subject Panel	Provide advice on framework of the syllabus, format of examination and school-based assessments.
2011 to 2015	President of Guyana's Multi-Stakeholder Steering Committee for the Low Carbon Development Strategy	Member	Guidance and feedback on LCDS programmes
2012 to Current	CDEMA Education Sub-sector Committee	Vice-Chair	Comments and guidance on Educational programme on disaster risk management in the Caribbean
2009-2012	Scientific Advisory Committee (SAG), FORENET, ACP Countries.	Member	Advice on research programme, plus mentorship.
2008-2012	Regional Team of Experts, Caribbean Disaster Management Project-JICA/CDEMA	Member	Advice and technical support on community disaster risk management programme in five pilot states in the Caribbean
11.0 Selected/Most Recent Short-courses developed and delivered			
Year	Title	Number of participants	Where held
2021	Environmental Science SBA Capacity Building Workshop	1028 teachers from CARICOM countries	Virtually (December 14-16-18, 2021)
2020	Green Engineering Teachers Training Workshop	30 teachers CARICOM Countries	Virtually (December 16-18, 2020)
2018	Green Engineering Boot Camp	25 teachers from CARICOM	Montego Bay, Jamaica
2012	Strategic Environmental Assessment (SEA)	29 Public Officials	Georgetown, Guyana