



THE UNIVERSITY
OF THE
WEST INDIES
MONA CAMPUS
JAMAICA, WEST INDIES



MINISTRY OF ECONOMIC GROWTH
AND JOB CREATION



Celebrating
JAMAICAN WOMEN
in
CLIMATE CHANGE

CELEBRATING JAMAICAN WOMEN IN CLIMATE CHANGE

March 8, 2022 is designated International Women's Day under the theme, "Gender equality today for a sustainable tomorrow". This year acknowledges the contribution of women and girls around the world, who are leading the charge on climate change adaptation, mitigation, and response, to build a more sustainable future for all. Given their position on the front line of the climate-change battle, women and girls are uniquely positioned to be agents of change and to take active roles in climate decision-making.

In Jamaica, women are also responding to Sustainable Development Goal 13 which urges us to take action to combat its impacts by leading the call for climate change resilience activities through academia, industry, governance and policy and social development. For decades, The UWI has served as a hub for equipping women and girls with the knowledge and skillsets to propose, design and implement solutions for tackling climate change related issues. Today, the Faculty stands resolute in supporting and promoting gender equality in all circles and therefore continues to serve as a reservoir for nurturing and producing a strong cadre of female students, academics, alumni and other STEM professionals who are making global impact aligned with mitigating the effects of Climate Change for sustainable development.

The Faculty of Science and Technology in collaboration with the Climate Change Division (Ministry of Housing, Urban Renewal, Environment and Climate) therefore joins the global platform to recognise all women and girls in Climate Change. Today, we highlight 30 Jamaican women who are thought-leaders advocating for societal resilience to Climate Change.



CELEBRATING JAMAICAN WOMEN IN CLIMATE CHANGE

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CLIMATE CHANGE & AGRICULTURE



DR. ANNE-TERESA BIRTHWRIGHT

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Science, Technology and Policy (STeP) Fellow

Inter-American Institute for Global Change Research (IAI)

Areas of Expertise: Rural Livelihoods, Climate Change Adaptation,
Community Development

Dr. Birthwright has worked with various local and regional multidisciplinary projects centred on reducing risk to improving the livelihoods of rural communities. As the Research Lead for the Jamaican Women in Coffee (JAWiC), she designs research projects and works with community members to implement capacity-building initiatives. As a Research Consultant, she has also collaborated to produce several national documents including Jamaica's first Climate Change Research Agenda, as well as Jamaica's inaugural Adaptation Communication. Currently, as an IAI STeP Fellow she works to strengthen science diplomacy on global environmental change across the Americas.



CLIMATE CHANGE & AGRICULTURE



DR. SARAH BUCKLAND

BSc Geography; PhD Geography, UWI Mona
s.buckland@outlook.com

Research Assistant/Technical Consultant

Department of Geography and Geology, Faculty of Science and Technology,
The University of the West Indies, Mona

Areas of Expertise: Drought risk management in agriculture, social vulnerability,
and agro-climate information services

Dr. Buckland spearheaded one of the first research projects in the Caribbean to use the IPCC's Climate Risk Framework to characterize drought risks and impacts at multiple scales in a single study. The use of this framework has the advantage of facilitating integration of pertinent issues from the local setting into global contemporary discourse. Having deep concern for 'fairness' in climate research, Sarah's studies emphasize the inclusion of 'overlooked' farmers, to facilitate the often-unheard perspectives of unregistered rural agriculturalists, who are often left out of government-based disaster plans. For practical impact, Sarah also conducted one of the first empirical assessments of farmers' experience with multiple available agro-climate service products in Jamaica, providing specific insights on how to increase rural farmer accessibility of climate information more effectively for resilience. These insights were incorporated in the production of climate-smart agriculture manuals for local agriculture extension officers, specific to the needs of three communities in Clarendon, Jamaica, under the Capacity



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CLIMATE CHANGE & AGRICULTURE



DR. SARAH BUCKLAND

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Building Program to Improve Stakeholder Resilience and Adaptation to Climate Change in Jamaica (CBCA) Project. Portions of Sarah's research outputs have gained global presence, being featured in around a dozen conference proceedings in Mexico, Guyana, and Jamaica, with peer-reviewed and technical publications based in Singapore, the Cayman Islands, and the United Kingdom. Sarah's research also supported the collaborative production of the State of the Caribbean Climate 2020 report, with the Climate Studies Group, The UWI Mona. Sarah also provided technical analytical support for the Department of Geography & Geology under the Global Adaptation Mapping Initiative (GAMI) project. Outputs from this initiative have been published in the highly acclaimed Nature Climate Change Journal (Supportive of Dr. Donovan Campbell's contribution). Sarah presently provides research support for an FAO-funded project to develop baseline climate impact assessments for development of transformational agri-food systems programmes in Caribbean SIDS.



CLIMATE CHANGE & BIODIVERSITY



DR. KIMBERLY STEPHENSON

BSc Environmental Physics and Zoology; PhD Physics, UWI Mona
kimannstephenson@gmail.com

Lecturer 2018-2021, Researcher 2008-2021

Faculty of Science and Technology, The University of the West Indies, Mona Campus

Areas of Expertise: Bioclimatic Modelling

Dr. Stephenson has been involved in climate change research and biological conservation for over 10 years. The major goal of her PhD research was to improve the accuracy of bioclimatic modelling for small islands and their small dry forest ecosystems, of which very little has been done for the insular Caribbean. Her experience as a researcher, conservationist, and lecturer has extended to teaching students and communities about biological conservation, writing numerous reports and journal publications that have contributed to national policy, and presenting the Caribbean climate change context on numerous international panels. She has assisted in efforts towards the recovery of the Critically Endangered Jamaican Iguana as part of the Jamaican Iguana Recovery Group. As part of the Climate Studies Group, Mona, Dr. Stephenson has co-managed two GEF Small Grants Programme projects, one to build climate resilience and conservation awareness in primary school children and the other to develop communication materials to teach local community members with disabilities about climate change.



CLIMATE CHANGE & CIVIL SOCIETY



MRS. ELEANOR JONES, O.D.

*BA Geography; MA Geography
b.eleanor@gmail.com*

Chairman and CEO
Environmental Solutions Ltd

Areas of Expertise: Environment and Disaster Risk Management and Climate Resilience Strategist

Mrs. Jones' work entails research, policy development, institutional and human resource capacity building in the areas of comprehensive disaster risk management, sustainable environmental management practices and climate risk reduction and resilience building throughout the Caribbean. She has taught several of the environmental and disaster risk management and planning professionals who have been making substantial contributions in Caribbean territories and elsewhere. Mrs. Jones co-founded pioneering Integrated Environmental Management and Sustainable Development Consulting Practice (Environmental Solutions Ltd) which has been operating for over thirty years, and which has contributed to building sustainable businesses and communities.

Mrs. Jones is part of the extended FST family - she was a Lecturer in Geography and Geology for 13 years.



CLIMATE CHANGE & CIVIL SOCIETY



DR. SUSAN OTUOKON

*BSc Zoology (Major) Botany (Minor) with Honours, UWI Mona;
MSc Aquatic Resources Management, King's College, University of London;
PhD Environmental Management, UWI Mona
susanotuokon@gmail.com*

Executive Director

Jamaica Conservation and Development Trust (JCDDT)

Areas of Expertise: Environmental Management – particularly: protected area management, ecotourism, sustainable community livelihoods, environmental communications

Dr. Otuokon played a lead role in the inscription of the Blue and John Crow Mountains as a UNESCO World Heritage Site in 2015 as one of the few sites listed globally for both natural and cultural heritage. In 2019, she was awarded the Bronze Musgrave Medal by the Institute of Jamaica in acknowledgement of her role. This international recognition adds another layer of defence to the Blue and John Crow Mountains National Park which protects 41,000 hectares of cloud and rain forest on the highest mountains in Jamaica. Conservation management is guided by a ten-year Management Plan prepared by Dr. Otuokon using a participatory approach to involve hundreds of stakeholders including local community members, academia and government agency representatives. As the head of the not-for-profit organization which manages the National Park and World Heritage Site,



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CLIMATE CHANGE & CIVIL SOCIETY



DR. SUSAN OTUOKON

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Dr. Otuokon is responsible for the fundraising, proposal writing, programme and project management required to implement the management plan. Active, adaptive management of the site includes facilitating sustainable livelihoods for communities living around the National Park and safeguards:

- habitat for the many unique plant and animal species including all of Jamaica's 30 extant, endemic bird species;
- a good quality, high quantity water supply for eastern Jamaica including Kingston;
- other ecosystem services provided by the forests such as soil conservation, climate change adaptation and retaining the micro-climate for world-famous Blue Mountain Coffee.



CLIMATE CHANGE & CIVIL SOCIETY



MISS INGRID PARCHMENT

*BSc Economics and Management, UWI Mona
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Executive Director

Caribbean Coastal Area Management Foundation

Areas of Expertise: Community Development

C-CAM is an environmental and development NGO working in the Portland Bight Protected Area that works with stakeholders to improve lives and livelihoods. Climate Change adaptation is one of the programmatic areas that we focus on as part of our community development programme. A lot of that work includes public awareness because we feel that for behaviour change, persons need to understand the problem and their role in making it better or adapting to the problem and building resilience.



CLIMATE CHANGE & DISASTER RISK MANAGEMENT



DR. ROSE-ANN SMITH

*BA Geography with First Class Honours; PhD Geography, UWI Mona
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Lecturer and Disaster Risk Reduction & Climate Change Adaptation Consultant

Department of Geography and Geology, Faculty of Science and Technology, The
University of the West Indies, Mona

Areas of Expertise: Disaster Risk Reduction, Climate Change Adaptation

Although an early researcher having acquired her Ph.D. in 2015, Dr. Smith has made tremendous contributions to the field of disaster risk management and climate change adaptation through research, publications, lecturing, and her activism. She has been consulted or collaborated on a number of projects in several Caribbean islands and also published several articles in the field of disaster management. She was the lead consultant for the United Nations Office for Disaster Risk Reduction (UNDRR) with the responsibility of applying the Comprehensive Disaster Management (CDM) audit tool which identifies the strengths and weaknesses in CDM in different Caribbean islands. She was also part of The University of the West Indies consulting team on a World Bank-funded project, which focused on assessing and valuing the coastal protection services provided by mangroves in Jamaica. This project received the Principal's Award for the Research Project with the Greatest Business/Economic/Development Impact for the 2019/2020 academic year. She has also collaborated with the University of Arizona on several projects as a lead

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CLIMATE CHANGE & DISASTER RISK MANAGEMENT



DR. ROSE-ANN SMITH

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or research associate looking at how to improve the adaptation of farmers in the coffee sector to climate change in Jamaica. In her more recent endeavour, she partnered with Dr. Anne Teresa Birthwright from Jamaican Women in Coffee (JAWiC) and obtained funding from the Canada Fund for Local Initiatives for a project that focused on strengthening women in coffee through training.

Apart from her academic work, Dr. Smith is a stalwart advocate for disaster risk reduction and would have participated in several conferences, panel and social media platforms looking at, among other things, the importance of community-based disaster risk management organizations, environmental justice, and reviewing lessons learned from disasters such as the 2021 impact of La Soufrière in St. Vincent and the Grenadines. Given her interest in disaster risk reduction, Dr. Smith is in the early stage of establishing her initiative DRRIVER, “Disaster Risk Reduction through Volunteerism, Education and Research”.



CLIMATE CHANGE & DISASTER RISK MANAGEMENT



MS. SHAUGHNA-LEE STEELE

*BSc Geography; PhD Geography (Pursuing), UWI Mona
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PhD Candidate, Department of Geography and Geology

Faculty of Science and Technology, The University of the West Indies, Mona

Areas of Expertise: Sustainable Development; Disaster Risk Management

(Expected Impact of the Research) Research provides excellent opportunities for understanding the world, contributing to knowledge and effecting change. The research project being undertaken assesses the resilience of select communities in the Rio Grande Valley, Portland, Jamaica to rainfall hazards. More specifically, floods and landslides are hazards which have consistently plagued the Rio Grande Valley leading to injury as well as loss of lives and livelihoods. Because these hazards are a function of precipitation characteristics, it is apparent that with anticipated climate variability and extremes, precipitation - and subsequently rainfall hazards - will be altered. With a potential increase in the frequency and intensity of rainfall-related events, the possible impacts of these hazards are exacerbated. Furthermore, a changing climate gives rise to uncertainties and reduces the likelihood of effectively anticipating hazards, which further affects other components of the Disaster Risk Management (DRM) cycle. Through the application of the resilience concept, Ms. Steel's research is positioned to reveal the strengths and weaknesses of individuals, groups and other entities in relation to the Disaster Risk Management (DRM) landscape. However, of significant importance is the contribution of the work to understanding the potential for mitigation, preparedness, response, recovery and adaptation in the face of a changing climate. Findings will therefore prove valuable in highlighting entry points and informing DRM development interventions.



CLIMATE CHANGE & ECONOMICS



DR. NEKEISHA SPENCER

BSc Economics & Statistics, MSc Economics, UWI, Mona

*MA Economics, Certificate in College Teaching, PhD Economics, Binghamton University,
State University of New York*

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Senior Lecturer, Department of Economics

Faculty of Social Sciences, The University of the West Indies, Mona

Areas of Expertise: Environmental and Climate Economics

Dr. Spencer has made original contribution(s) to the economic quantification of weather events in the Caribbean which has continued to provide streams of insights relevant to policymaking for the region. Her contribution(s) has been recognised by established researchers, institutions, and development organisations through special invitations to participate in seminars and workshops as well as to contribute to government reports on the environment.



CLIMATE CHANGE & EDUCATION



DR. SHARON BRAMWELL-LALOR

BSc General; MPhil Botany; PhD Science Education, UWI Mona
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Lecturer

School of Education, Faculty of Humanities and Education,
The University of the West Indies, Mona

Areas of Expertise: Science Education; Environmental Education

Dr. Bramwell-Lalor has conducted research and publication in Science Education, Environmental and Sustainability Education and Climate Change Education. She has also been a co-author for several instructional materials for use at the Primary and Secondary levels of the education system. She recently co-authored a Climate Change Primer for Primary Level students with members from the School of Education and the Climate Studies Group Mona. Dr. Bramwell-Lalor's teaching activities at the School of Education present opportunities for addressing Climate Change. For instance, in the postgraduate course Environmental Education, she has integrated the topic and has also facilitated guest presenters from the field.



CLIMATE CHANGE & EDUCATION



DR. THERESE FERGUSON

*BA English with First Class Honours, UWI Mona; MSc Natural Resource Management (Distinction), UWI Mona; MA, Research Methodology (Distinction), University of Liverpool; PhD Environmental Management, UWI Mona
therese.ferguson02@uwimona.edu.jm*

Senior Lecturer

School of Education, Faculty of Humanities and Education,
The University of the West Indies, Mona

Areas of Expertise: Education for Sustainable Development; Climate Change Education; Peace Education, Graduate Researcher Development

Dr. Therese Ferguson has engaged in research, publications, teaching and consultancy activities in the area of climate change education for sustainable development (CCESD). She has undertaken research and published peer-reviewed journal articles and an encyclopedia entry in the area of CCESD. In collaboration with Dr. Barbara Carby, past Director of the Disaster Risk Reduction Centre at The University of the West Indies (UWI), they have carried out research focused on disaster risk management provision, education and awareness for persons with disabilities, and have disseminated these research findings in peer-reviewed journal articles. More recently, she was part of a UWI team comprising members from the School of Education and the Climate Studies Group Mona who co-authored a primer on climate change education for primary school children. With respect to teaching activities, Dr. Ferguson developed a course entitled Disaster Risk Reduction Education, one of the core courses

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CLIMATE CHANGE & EDUCATION



DR. THERESE FERGUSON

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in the Master of Education degree programme in Education for Sustainable Development, Global Citizenship and Peace of the School of Education at The UWI. She has also served as the External Examiner for the Taking Action on Caribbean Climate Change module within the Environmental Science Division in the Faculty of Science and Sport at the University of Technology, Jamaica from 2017 to 2021. Working with then colleagues from the University of Guyana, she was part of a consultancy team that monitored the UNESCO CCESD country programme preparation process for Guyana, the programme adaptation to the country's specific needs, and the implementation of the country programme. She and team members developed and submitted the monitoring and country case study reports, with the co-authored case study published in UNESCO's publication *Not Just Hot Air: Putting Climate Change Education into Practice*. Through her activities, Dr. Ferguson has worked to advance climate change education in the formal education sector for various target audience groups.



CLIMATE CHANGE & FISHERIES



MS. TASHANA MALCOLM

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Teaching Assistant/PhD Candidate

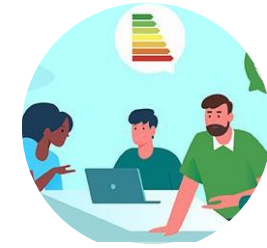
Department of Geography and Geology, Faculty of Science and Technology,
The University of the West Indies, Mona

Areas of Expertise: Fisheries Livelihood, Well-being, and Protected Area Management

Marine protected areas play an important role in enhancing the resilience of marine ecosystems and coastal communities to the impacts of climate change. Their effective management is dependent on the extent to which consideration is given to human dimensions such as those related to socio-economic considerations of the area and how the area is valued and perceived by resource users. Ms. Malcolm's research, therefore, assesses the wellbeing of fishers in communities adjacent to special fisheries conservation areas in western Jamaica with the aim of influencing decisions around protected area establishment and management across the island.



CLIMATE CHANGE & GENDER



MS. AYESHA CONSTABLE

BSc Geography; PhD Geography, UWI Mona
Ayesha_constable@yahoo.com

Founding Director

GirlsCARE- Climate Action for Resilience & Empowerment

Areas of Expertise: Climate Adaptation, Gender & Youth

Through her work as an activist and academic, Ms. Constable has helped to bring attention to the gender dimensions of climate impacts and to the role of feminist activists in climate action in the Caribbean. Her efforts to advance the conversation around the intersection of gender and climate have led to her speaking on several global platforms including the United Nations Framework Convention on Climate Change (UNFCCC) Conference of Parties (COP), the United Nations Generation Equality Forum and Economic Commission for Latin America and the Caribbean (ECLAC) Regional Conference on Women in Latin America. These opportunities have allowed her to share on the experience of girls and women in the Caribbean as persons vulnerable to climate and as agents of change and advocates for climate action. Through academic papers, social media platforms and personal blog, Ms. Constable have sought to highlight the stories of women who are creating indigenous solutions to empowering communities to adapt. GirlsCARE, an organization that she founded in 2020, is the first community of feminist climate activists in the Caribbean. GirlsCARE provides mentorship to young girls and women who are leading climate action in the Caribbean and seeks to build a cadre of young women activists and amplify Caribbean voices in the global conversation. This year, GirlsCARE was selected by Rihanna's Clara Lionel Foundation as one of 18 regional organizations working in climate justice. Ms. Constable and her team aim to make GirlsCARE a global movement to address the capacity building needs of young female activists in the Global South.



CLIMATE CHANGE & HEALTH



DR. GEORGIANA GORDON-STRACHAN

BSc Biochemistry and Zoology, UWI Mona; PhD Biochemistry, UWI Mona; MSc Health Policy Planning and Financing, London School of Hygiene and Tropical Medicine, University of London
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Director and Coordinator of the Pilot Programme for Climate Resilience (Caribbean Regional Track)

Tropical Metabolism Research Institute, Caribbean Institute for Health Research, The University of the West Indies, Mona

Areas of Expertise: Health, Epidemiology, Health Policy, Health Systems and Services Research

Dr. Gordon-Strachan has demonstrated a clear record of distinguished scholarly work; she has published widely and has contributed three books, three book chapters, 65 peer-reviewed publications in reputable journals and twelve technical reports to the body of scientific knowledge. She has engaged in epidemiological studies of regional and national importance. Dr. Gordon-Strachan serves on the Oversight Committee of the Caribbean Public Health Agency of the State of the State of the Public Health Report on Climate and Health 2018. She is the coordinator of the Caribbean Regional Track of the Pilot Programme for Climate Resiliency. A US\$10.39 million project funded by the Climate Investment Fund and managed by the IDB and executed by The UWI Mona which aims to increase climate resilience in the Caribbean.



CLIMATE CHANGE & METEOROLOGY



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MRS. JACQUELINE SPENCE-HEMMINGS

*BSc Physics and Electronics; MPhil Physics and Climatology, UWI Mona
j.spence@metservice.gov.jm*

Meteorologist/Climate Branch Head
Meteorological Service of Jamaica

Areas of Expertise: Climatology and Climate Change

Mrs. Spence-Hemmings work involves the provision of climate information and climate services to inform decision making for stakeholders including water, agriculture, health, tourism, construction and academia. Educate on the science of climate change as well as adaptation and mitigation options to build resilience of sectors and Jamaica at large.



CLIMATE MODELLING



PROF. TANNECIA STEPHENSON

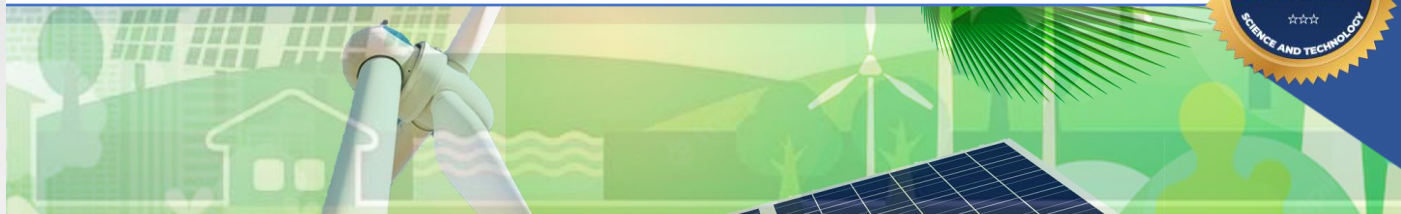
BSc Environmental Physics; PhD Physics, UWI Mona
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Head of Department; Co-director, Climate Studies Group Mona

Department of Physics, Faculty of Science and Technology, The University of the West Indies, Mona Campus

Areas of Expertise: Caribbean Climate Variability and Climate Change; Climate Extremes and Statistical Modelling; Physics Education

The climate change research contributes to our understanding of the variations and changes that have been observed in Caribbean climate (primarily rainfall and temperatures) and some of the atmospheric and oceanic drivers of these patterns. We are also able to indicate the changes that have already been observed in climate extremes within the region and how these may continue to change towards the middle to end of century. This information is important to planning and building resilience within Jamaica and the Caribbean in response to climate change. Additionally, pursuing this work in the Department of Physics illustrates one of the many applications of Physics that we can all relate to, that is, our climate!



CLIMATE CHANGE & POLICY



MS. UNAMAY GORDON

BSc Agronomy, UWI St Augustine; MSc Environmental Studies, Wageningen University (Netherlands)

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Principal Director, Climate Change Division

Climate Change Division, Ministry of Economic Growth and Job Creation

Areas of Expertise: Agribusiness, Environmental Management, Climate Change

Ms. Gordon provides leadership to advance Jamaica's climate change agenda at national, regional and international levels. Currently serve as Jamaica's lead climate change negotiator and focal point to the UNFCCC, in addition to being the Green Climate Fund National Designated Authority, the Adaptation Fund Designated Authority and the Climate Technology Centre and Network National Designated Entity. Create and develop plans and programmes to effectively crowd in the private sector, women, youth, civil society organizations & the disabled community into climate action in Jamaica and across the Caribbean region. Advance and lead projects and programmes to enable regional institutions implement targeted actions in support of regional integration. Create opportunities to bridge the discourse between climate change, development & environmental management.



CLIMATE CHANGE & POLICY



MS. TANEQUE HESLOP

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NDC Partnership Co-Chair Coordinator (Consultant)

Climate Change Division, Ministry of Economic Growth and Job Creation

Areas of Expertise: Project Management, Private Sector Engagement, Disaster Risk Management

Ms. Heslop is tasked with increasing private sector engagement in climate change via identifying risk and opportunities and developing knowledge management products for private sector project development. She also supports government-led initiatives with the NDC Partnership.



CLIMATE CHANGE & POLICY



MS. SCHMOI MCLEAN

*MSc Social Policy; BSc Psychology (Minor Sociology), UWI Mona
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Programme Coordination, Monitoring and Evaluation Officer

Climate Change Division, Ministry of Economic Growth and Job Creation

Areas of Expertise: Programme Management, Sustainable and Rural Development, Green Climate Fund modalities

Ms. McLean coordinates and report on the programmes and projects being implemented by the Climate Change Division; prepare the Division's budget; operate the GCF desk where she acts as intermediary between the Fund and the National Designated Authority (NDA)/CCD, interface with consultants and partners locally, regionally and internationally; provide support to members of the team.



CLIMATE CHANGE & POLICY



MS. ANAITEE MILLS

*BSc Human Resource Management, Universidad Rafael Landívar;
MSc Sustainable Development, Universidad Galileo;
MSc Climate Change and Development, University of London
anaiteemillsja@gmail.com*

Embedded Climate Consultant

NDC Partnership and World Resources Institute, Climate Programme
Climate Change Division, Ministry of Economic Growth and Job Creation

Areas of Expertise: Sustainable Development, Climate Change Adaptation and Mitigation, and Climate Finance

Miss Mills' work as an Embedded Climate Consultant helps to bring different stakeholders, actors and international partners to work together better, understand common objectives, and plan how to achieve these objectives to realise Jamaica's climate commitments.



CLIMATE CHANGE & POLICY



MS. LE-ANNE ROPER

*BSc Pure & Applied Chemistry, UWI Mona; MSc Natural Resources & Environmental Management, UWI Cave Hill
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Senior Technical Officer (Adaptation)

Climate Change Division, Ministry of Economic Growth and Job Creation

Areas of Expertise: Adaptation, Loss & Damage associated with climate change

Ms. Roper supports partners in the identification and implementation of adaptation measures; provide information to aid in the understanding and implications of loss and damage in Jamaica; advocate for climate action globally as one of Jamaica's negotiators at the international level; represent the Ministry, country or regions, as appropriate, on matters relating to climate change; support public education and outreach on climate change to various levels and types of stakeholders; and other duties as necessary.



CLIMATE CHANGE & POLICY



MS. KIMONE THOMPSON

*BA Mass Communication, Northern Caribbean University
kimone.thompson@megjc.gov.jm | kimonesadekie@gmail.com*

Public Awareness and Behaviour Change Officer

Consultant - PPCR Climate Data Project

Climate Change Division, Ministry of Economic Growth and Job Creation

Areas of Expertise: Public Relations, Speech Writing, Feature Writing, Public Education Programme Development, Photography, Social Media Management

Ms. Thompson coordinates awareness-raising, educational, outreach and behaviour-change activities of the Climate Change Division. She also conceptualizes, writes, and edits communication material for policymakers, opinion-leaders, stakeholder groups and the general public. In addition, she assists in the development of programmes for communication of climate change information. Ms. Thompson also supports the development of training tools and curricula as well as pursues partnerships with educational agencies, NGOs, and private sector organizations.



CLIMATE CHANGE & RENEWABLE ENERGY



MS. CHERRI-ANN FARQUHARSON

BSc Electronics (Major) Physics (Minor) (Hons); Certificate Course in Alternative Energy and Energy Management (Distinction); MPhil Physics

Professional Certifications:

North American Board of Certified Energy Practitioners (NABCEP) Solar PV Installer

Association of Energy Engineers Certified Energy Manager

cherriann@gmail.com | cherriann@ccreee.org

Knowledge Management and Capacity Development Expert

Caribbean Centre for Renewable Energy and Energy Efficiency

Areas of Expertise: Sustainable Energy, Climate-Energy Nexus, Capacity Building

Ms. Farquharson's career in Climate Change includes:

- Implementation and continued growth of the CARICOM Energy Knowledge Hub (CEKH) which is the go-to online space for energy data, information, and expertise in the Caribbean
- Delivery and entrenchment of energy systems, planning, and resilience courses for the continued development of energy practitioners with a vision that the region will be less dependent on external experts
- Coordination of the regional energy internship programme within the CCREE to inspire the next generation of sustainable energy professionals
- Production of annual Energy Report Cards for CARICOM Member States to highlight the successes and opportunities and support informed decision making for investment in sustainable energy and climate mitigation and adaptation



CLIMATE CHANGE & RENEWABLE ENERGY



MRS. KHATIZA MOHAMMED-KOON KOON

BSc Environmental and Natural Resource Management; MSc Renewable Energy Technology, UWI St. Augustine; MPhil Applied Physics (pending), UWI Mona
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MPhil Candidate, Department of Physics

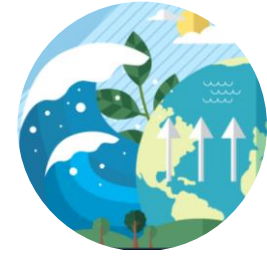
Faculty of Science and Technology, The University of the West Indies, Mona Campus

Areas of Expertise: Renewable Energy

Mrs. Mohammed-Koon Koon research focuses on assessing land availability for Jamaica to achieve 100% renewable energy for electricity generation. In 2021, her research was incorporated into 'Strengthening Energy Sector Resilience in Jamaica' a three-year activity funded by USAID and led by the Cadmus Group, head of the Jamaica Energy Resilience Alliance (JERA) of which The UWI, Mona is a member. This partnership aims to strengthen the ability of Jamaica's electricity sector to withstand natural/man-made shocks by supporting enabling environments and facilitating the adoption of renewable energy technologies. Mrs. Mohammed-Koon Koon is tasked with identifying suitable sites for distributed and utility-scaled solar photovoltaics and wind energy technologies across the island. This research will provide key insights to aid Jamaica's ambitious renewable energy target of 50% by 2030.



CLIMATE CHANGE & VULNERABILITY



DR. ROXANN STENNETT-BROWN

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Lecturer

Faculty of Engineering, The University of the West Indies, Mona

Consultant

Climate Studies Group Mona (CSGM)

Areas of Expertise: Disaster Risk Reduction, Climate Change Adaptation

Dr. Stennett-Brown is currently the Deputy Dean of Teaching, Learning & Student Matters and a lecturer in the Faculty of Engineering at the University of the West Indies Mona Campus (The UWI). She is also a member of the Climate Studies Group (CSG) at (UWI). Dr. Stennett-Brown is a recent graduate of the UWI and her research areas as a graduate student were in Statistical Downscaling of climate and Climate Extremes. Some published work during her graduate years included "Future Caribbean Temperature and Rainfall Extremes from Statistical Downscaling" and "Caribbean climate change vulnerability: Lessons from an aggregate index approach". Her current research interest includes heatwave analysis and radiation management for the Caribbean.



CLIMATE CHANGE & WATER



MS. MELISSA CURTIS

*BSc Geology (major) Geography (minor); PhD Geology (pending), UWI Mona
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PhD Candidate, Department of Geography and Geology

Faculty of Science and Technology, The University of the West Indies, Mona Campus

Areas of Expertise: Hydrological Modelling and Integrated Water Resources Management (IRWM)

Climatic factors will always have an impact on the local water sector. Ms. Curtis' research focuses on the use of hydrological modelling tools to evaluate the impact of climate change on the water sector. Her work aims to contribute to mitigating the impacts of climate hazards in order to promote sustainable practices in the sector.



CLIMATE CHANGE & WATER



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DR. DEBBIE-ANN GORDON-SMITH

BSc Pure and Applied Chemistry; PhD Chemistry, UWI Mona
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Lecturer, Department of Chemistry

Faculty of Science and Technology, The University of the West Indies, Mona

Areas of Expertise: Surface and Ground Water Resource Management,
Submarine Groundwater Discharge, Isotope Hydrology, Marine Biogeochemistry

Climate change has been disrupting weather patterns across the world, leading to unpredictable and extreme weather events. These changes exacerbate ongoing water availability, scarcity and contamination issues which, in turn, affect the quantity and quality of the water resources on which we all depend. Dr. Gordon-Smith's work is focused on the collection and interpretation of water quality data, the tracing of surface and ground waters in the terrestrial and marine environments under varying weather conditions, the transport of contaminants in these water systems and their impact on aquatic habitats. In addition, her research goes beyond the "laboratory" to include the effective transfer of scientific information about the protection and conservation of the marine environment to the wider community through collaborative learning. Ultimately, her work is aimed at supporting the sustainable management of the water resources in Jamaica and the wider Caribbean.



CLIMATE CHANGE & WATER



DR. SHANEICA LESTER

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Lecturer, Department of Geography and Geology

Faculty of Science and Technology, The University of the West Indies, Mona

Areas of Expertise: Water Security, Water Governance and Sustainability

Dr. Lester's work provides insights on water security issues at various levels and an understanding of water governance in Jamaica by exploring the uneven social, economic, and power relations in water accessibility and distribution. Her work also puts forward several methods and recommendations for practice and policy towards achieving the sustainable developmental goal for water amid increasing water demand, climate variability and change, and poor water management.



CLIMATE CHANGE & WATER



DR. ARPITA MANDAL

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Senior Lecturer, Department of Geography and Geology

Faculty of Science and Technology, The University of the West Indies,
Mona Campus

Areas of Expertise: Hydrology, Water Resources, Flood Risk and
Hydrological Modelling, Hydrogeology

Water resources in the Caribbean are impacted by climate change, thus affecting water availability and security. Extreme events also affect the islands by increasing flood risk, thereby affecting life and livelihood. Dr. Mandal's work has influenced flood risk monitoring, mapping and decision-making. It also impacts water resource estimation and management, through the use of hydrological models. End users are the water sector agencies, disaster management agencies and local communities.



CLIMATE CHANGE & YOUTH ADVOCACY



MS. JHANNEL TOMLINSON

BSc Geography (Hons); PhD Geography, UWI Mona (pending)
jhaneltomlinson@gmail.com

Cofounder

Climate Action for Resilience & Empowerment (GirlsCARE)

Caribbean Advisor

Next Generation Climate Board

Areas of Expertise: Community-based Adaptation to Climate Change; Youth and Climate Advocacy

As Next Generation Climate Board member/advisor, Ms. Tomlinson has assisted with the provision of funding for 4 Caribbean-based youth groups to execute climate related projects. She has been involved in the design and execution of the GirlsCARE Mentorship programme alongside founder, Ms. Ayesha Constable, which in its first cycle saw 15 young women from across the Caribbean being mentored. The second cohort will see 30 young women being trained with support from Rihanna's Clara Lionel Foundation. Ms. Tomlinson has participated in numerous projects across Jamaica and the Caribbean (Haiti, Grenada, St. Lucia) in the area of rural development and was integral in the execution of varying youth-led climate change projects and campaigns across the Caribbean. She also attended the UNFCCC COP 25 in Poland and Madrid in 2019 and has served as a youth delegate in ongoing dialogues surrounding Small Island Developing States (SIDS) and Climate Adaptation. Ms. Tomlinson has published and co-authored academic articles on community-based engagement in Climate Change adaptation.

Awards/ Recognition: Prime Minister Youth Award for Environmental protection, 2019; UN award for climate change engagement; 50 Next List of Activists/ Trailblazers





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MONA CAMPUS
JAMAICA, WEST INDIES



MINISTRY OF ECONOMIC GROWTH
AND JOB CREATION



Celebrating
JAMAICAN WOMEN
in
CLIMATE CHANGE

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