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<b>DISCIPLINES:</b>	Urban and Regional Planning; Coastal Zone Management; Water Resources Management; Geography
<b>KEYWORDS:</b>	Sea Level Rise, Land Use Planning Adaptations to Climate Change



## RESEARCH INTERESTS:

The ICURA project entitled “Managing Adaptation to Environmental Change in Coastal Communities: Canada and the Caribbean” provides an opportunity to explore land use adaptation responses among Caribbean coastal communities. The case studies provide diversity in terms of challenges and responses to climate change. They include the flood-prone capital of Georgetown, Guyana, the village of Grande Rivere on Trinidad’s north coast that is dependent on turtle nesting as a tourist attraction and which will face challenges from coastal erosion and sea level rise, the island of Bequia in the Grenadines and the communities of the cays of Belize that are all dependent on coral reef diving, beach tourism, and fishing as livelihoods. The loss of coastal ecosystems through unsustainable land use practices has weakened the defense of coastlines by nature. More costly, highly engineered measures may be required.

Through collaborative research with other team members, GIS and socio-economic data will be used to determine land use planning adaptations that may be considered by the coastal communities of the selected case studies. The aim is to document the findings on land use planning adaptations and bring communities together to form knowledge networks so that they can share their experiences and discuss how best they can meet the challenges they face from climate change.

## BIOGRAPHY:

Michelle Mycoo holds a Ph.D. in Urban Planning from Mc Gill University, Montreal, Canada specialising in water demand management, a M.Sc. in Urban Planning, University of Hong Kong, Hong Kong and a B.A. in Geography and Social Sciences, the University of the West Indies, Jamaica. She is a senior lecturer in the M.Sc. Urban and Regional Planning Programme in the Department of Geomatics Engineering and Land Management at the University of the West Indies, St. Augustine, Trinidad. She has also lectured in the B.Sc. Surveying and Land Information, Post-Graduate Diploma in Land Administration, B.Sc. in Civil Engineering, M.Sc. in Environmental Engineering and the M.Sc. in Construction Management.

Dr. Mycoo is the author of several referred publications, technical reports, training manuals, policy briefs and land use plans. She was a Chartered Town Planner of the Town and Country Planning Division of Trinidad and Tobago in the late 1980s, Consultant in the Urban Division of the Environmentally Sustainable Development Department of the World Bank, Washington, D.C. and a Consultant on several urban plans for Trinidad and Georgetown, Guyana, and technical reports and policy papers for Belize, St. Lucia and Grenada on coastal zone management, sustainable tourism and land management.