

**CLIMATE SYSTEMS, TECHNIQUES AND RESOURCES FOR IMPROVED DECISION-
MAKING, EDUCATION AND SUSTAINABILITY PROJECT**

DRAFT TERMS OF REFERENCE

CONSULTANCY SERVICES FOR A CURRICULUM REVIEWER

1. BACKGROUND

1.01 The Caribbean is extremely vulnerable to the impacts of climate change, rendering economies, livelihoods, infrastructure, human health and the general populace at extreme risk. As part of comprehensive mitigation and adaptation strategies, prioritising climate change education (CCE) is critical to enhance awareness, knowledge, skills and behaviours among the public. While acknowledging the importance of CCE across all sectors and levels of society, particular emphasis should be placed on children and youth. As future decision-makers and citizens, it is crucial to invest in their education to foster attitudinal and behavioural shifts, ultimately facilitating a generational transformation in climate change action.

1.02 The Caribbean Development Bank has provided financing to the University of the West Indies (UWI) to implement the Climate Systems, Techniques and Resources for Improved Decision-Making, Education and Sustainability (Climate STRIDES). The project financing is supporting consultancy services and the procurement of goods and services for the design and publication of the updated State of the Caribbean Climate Report, CCE materials, knowledge products, and others decision-support tools, to improve climate resilience decision-making, raise awareness about climate change risks and impacts, and promote climate-smart attitudes, actions and practices in the Caribbean. The project includes the development of a textbook for secondary level students as well as an accompanying teachers' manual. To inform this process, a review of secondary level curriculum across specified Caribbean countries must be undertaken.

2. OBJECTIVE

2.01 This consultancy aims to improve CCE by recommending the integration of pertinent content into existing academic curricula. Ultimately, the consultancy will enhance the overall educational experience by incorporating climate change topics across various subjects, thereby empowering students to become informed and engaged citizens in the face of climate change challenges.

3. SCOPE OF WORK

3.01 The Consultant will undertake the following tasks under the direct supervision of the School of Education project team members:

- (a) Consult via virtual modality with relevant education stakeholders from four Caribbean countries (Dominica, Grenada, Guyana, Jamaica) with respect to climate change education and curriculum documents.
- (b) Conduct a thorough review of the lower secondary level (Grades 7 to 9) curriculum of Social Studies, Science, Geography, English Literature/Language, and Information Technology subject areas for the four Caribbean countries (Dominica, Grenada, Guyana, Jamaica) to assess:
 - (i) existing climate change and related content;

- (ii) climate change gaps; and
 - (iii) possible points of infusion of climate change content.
- (c) Compile a comprehensive report inclusive of findings for each of the four countries.
 - (d) Produce a comprehensive report consolidating the results and recommendations of the curriculum review.
 - (e) Participate actively in regular meetings organised by the Climate STRIDES/School of Education project team to monitor the progress based on an agreed timeframe, identify and address collectively any pending issues, and provide updates on the assigned deliverables.

4. QUALIFICATIONS AND EXPERIENCE

4.01 The Consultant should possess:

Essential:

- (a) A minimum of a master's degree or equivalent in Education; Science Education; Climate Change; Environmental Sciences; Environmental Education; Curriculum Development/Evaluation or related fields.
- (b) At least seven years of relevant professional experience related to any, or a combination of, the content areas outlined in (a).
- (c) At least two similar assignments previously completed in curriculum evaluation/review.
- (d) Strong skills in research methods for qualitative and quantitative data and data analysis.
- (e) Proficiency synthesizing material of a technical or scientific nature.
- (f) Strong consultation/engagement skills, evidenced particularly through prior experience conducting consultations with Caribbean stakeholders.
- (e) Excellent analytical, writing and communication skills in English language, e.g., as evidenced by academic publications and other professional written work, including for a general audience.

Desirable:

- (a) Familiarity with key CCE concepts and topics (e.g., greenhouse effect, weather, climate, mitigation, adaptation, etc.).

5. REPORTING REQUIREMENTS AND DELIVERABLES

5.01 The consultancy is home-based and will take place in the consultant's usual place of residence/work. No travel is expected as part of this assignment. The consultant will:

- (a) Report to the School of Education project team and the Climate STRIDES Project Coordinator.

- (b) Produce the following deliverables:
- (i) Inception Report, including methodology, curricular review strategy and draft consultation questions for each country as well as a proposed curricular review report outline. The report should be submitted 10 business days after contract signing.
 - (ii) Draft Report detailing findings of curricular review for each country including (aa) existing climate change content, (bb) climate change gaps, and (cc) possible points of infusion of climate change content. The report should also include findings based on an overall comparative analysis across the countries. The report should be submitted at the end of Month 3.
 - (iii) Final Comprehensive Report detailing findings of curricular review for each country including (aa) existing climate change content (bb) climate change gaps, and (cc) possible points of infusion of climate change content. The report should also include findings based on an overall analysis among the countries. The final report should incorporate/address feedback on the draft report and should be submitted at the end of Month 6. The report should not exceed 100 pages (excluding annexes). All deliverables shall be submitted to the Climate STRIDES project team in English language.

6. DURATION

6.01 The level of effort is estimated to be 24 person-days over a period of 6 months.