



THE CARIBBEAN ACADEMY OF SCIENCES (CAS)

Guest Webinar Series

United Nations-
Caribbean Academy of
Sciences-
Caribbean SIDS
Partnership, a new venture,
in mitigating Environment
degradation resulting from
Climate Change



TOPIC:
CAS GUEST WEBINAR SERIES-
PROF. RAYMOND JAGESSAR.

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Presenter:
Prof. Raymond Jagessar

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Georgetown, South
America.
Foreign Secretary of the
Caribbean Academy of
Sciences (CAS)

**THE CARIBBEAN ACADEMY OF SCIENCES (CAS)
2024 GUEST SEMINAR SERIES**

UNITED NATIONS-
CARIBBEAN ACADEMY OF SCIENCES-
CARIBBEAN SIDS PARTNERSHIP, A NEW VENTURE, IN MITIGATING ENVIRONMENT
DEGRADATION RESULTING FROM CLIMATE CHANGE
RAYMOND JAGESSAR

PROGRAMME

4:00 - 4:15 pm - Opening Remarks - Prof. Mark Wuddivira
(President, CAS Regional Executive)

4:16 - 4:45 pm - Presentation:

United Nations-Caribbean Academy of Sciences- Caribbean SIDS Partnership, a
new venture, in mitigating Environment degradation resulting from Climate
Change
Raymond Jagessar
Department of Chemistry, Faculty of Natural Sciences, Turkeyen Campus,
Greater Georgetown, South America
Foreign Secretary of the Caribbean Academy of Sciences

4:46 - 5:15 pm - Discussion / Question & Answer

5:16 - 5:30 pm - Closing Remarks

**UNITED NATIONS-
CARIBBEAN ACADEMY OF SCIENCES-
CARIBBEAN SIDS PARTNERSHIP, A NEW VENTURE, IN MITIGATING ENVIRONMENT
DEGRADATION RESULTING FROM CLIMATE CHANGE
RAYMOND JAGESSAR**

DEPARTMENT OF CHEMISTRY, FACULTY OF NATURAL SCIENCES, TURKEYEN CAMPUS,
GREATER GEORGETOWN, SOUTH AMERICA
FOREIGN SECRETARY OF THE CARIBBEAN ACADEMY OF SCIENCES

Abstract

The Caribbean SIDS (CSIDS) like all other SIDS is most vulnerable to environmental damage, resulting from climate change effects. The latter, resulting from global warming can destroy the infrastructure of CSIDS, induce flooding, loss in food security and diversity, loss in marine and terrestrial diversity, soil erosion, and overall ecosystem destruction, etc. Thus, there is an urgent need to prevent environmental damage, resulting from climate change effects in CSIDS. Various partnerships can be sought of which the United Nations-Caribbean Academy of Sciences-Caribbean SIDS partnership is proposed in this presentation. Partnerships can be educational, economic, or social. This partnership is expected to address the education dimension which affects the economic and social dimensions. All three dimensions are interconnected and thus a holistic effort is necessary to mitigate environmental damage and protect CSIDS. This presentation will focus primarily on the education dimension. Education is fundamental for the fulfillment of all UN 17 sustainable development goals, and SDGs. It's one of the major pillars of sustainable development. This partnership is expected to be transparent and be monitored with various consultations during its tenure. It's anticipated that the United Nations will provide the necessary funding and CAS act as a vehicle for the transfer of funding to CSIDS. In addition, CAS can function as one of the monitoring and paid consulting agents. CAS is also expected to be paid for other services rendered. Over the years, CAS has played a major role in science policies in the region.

Keywords: United Nations, CAS, Caribbean SIDS, environmental damage, CSIDS infrastructure, food insecurity, food diversity

Biography:

Prof. R.C. Jagessar, BSc, PhD, PDF, CChem, FRSC, DipEd (Higher Edu.), FCAS

Prof. Raymond Jagessar obtained his BSc (Distinction) in Chemistry/Biology from the University of Guyana (1992) and his PhD from the UK (1995). He was Assistant Lecturer at the University of Guyana, 1991-1992.

He held three Post Doctoral Research Fellowships (PDF) at the University of South Carolina, Columbia (USA), Wichita State University, Kansas (USA) and the University of the West Indies during the period, 1996-1999. He is also accredited with a distinction in DiPEd (higher education) at the University of Guyana in 2022. He has several international awards, amongst them are Chartered Chemist, CChem, Fellow of the Royal Society of Chemistry, FRSC, UK, member of the American Chemical Society, Research Grants etc. He is also a Fellow of the Caribbean Academy of Sciences. His research interests are broad, covering the spectrum of Pure and Applied Chemistry, Chemical Biology and Pharmaceutical Chemistry. He has published over one hundred (100) research articles, five book chapters, one book, three e-books and presented at over 100 conferences locally, regionally and internationally. He has given keynote presentations at several conferences and is a member of several editorial boards and reviewer to several journals.

He is currently Professor of Chemistry at the University of Guyana (South America), former President of the Caribbean Academy of Sciences (2020-2023) and currently, Foreign Secretary of the Caribbean Academy of Sciences.