Growing a Caribbean Glider Fleet" – IOCARIBE-GOOS joins Regional Partners in expanding Ocean Observing and Forecasting in the South Caribbean

A new collaboration led by the Caribbean Institute for Meteorology and Hydrology (CIMH), together with IOCARIBE-GOOS, Rutgers University, and UVI, marks an important step toward enhancing ocean observation and data collection to support improved weather forecasting and resilience in the Caribbean.



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On 14 July 2025, partners from the Caribbean and beyond marked the launch of an oceanographic glider initiative aimed at strengthening ocean observation capabilities in the region. The initiative is led by the Caribbean Institute for Meteorology and Hydrology (CIMH), in collaboration with Rutgers University Center for Ocean Observing Leadership (RUCOOL), IOCARIBE, the Global Ocean Observing System (GOOS), and the University of the Virgin Islands (UVI).

This short video highlights a growing partnership focused on advancing ocean data collection and integration to support weather forecasting and informed decision-making across the Caribbean. By combining shared technology, scientific expertise, and coordinated data efforts, the collaboration contributes to a more robust and sustained regional ocean observing system.

The initiative also reflects a broader strategic vision to position CIMH as a regional hub for ocean glider research and innovation, supporting operational oceanography, applied research, and capacity development. Strengthening these capabilities is essential for enhancing regional resilience, improving early warning systems, and supporting evidence-based policies in the face of increasing extreme weather and ocean-related challenges.

This effort aligns with the objectives of IOCARIBE-GOOS and contributes to regional and international efforts to improve ocean knowledge and services for society.