

16th December 2021

Regional Modelling and Projections Programme

Since its inception, the MRV Hub Modelling and Projections Programme (MPP) has continued to develop the modelling capacity in the region. This is essential to meet the growing demand for mitigation scenario assessments and to update and track the progress of Nationally Determined Contributions (NDCs) and Long-Term Low Emission Development Strategies (LT-LEDS).

More specifically the MPP has hosted multiple training sessions with member countries, Antigua & Barbuda, The Bahamas, Saint Lucia and St. Kitts & Nevis in the use of Stockholm Environment Institute (SEI)'s Low Emissions Modelling Platform (LEAP) software to promote capacity building across the region and aid in the completion of reporting requirements. The MPP team continues to support countries with modelling and projections to draft mitigation assessment chapters of National Communications and Biennial Update Reports.

The MPP has also developed a [guidance document](#) on the appropriate selection of modelling tools based on regional circumstances. This document was utilized to aid Antigua & Barbuda in their tool selection process when conducting their mitigation assessments.

The MPP is currently creating an online curriculum for the MRV Hub's first (virtual) training course on modelling and projections to be delivered via the Greenhouse Gas Management Institute's learning management platform. The course is set to be launched in 2022 and is geared toward people within the region who wish to build capacity in general environmental modelling and the use of LEAP.

The MPP is developing a roster of modelling experts which will list individual experts with varying levels of expertise in LEAP, the Greenhouse Gas Abatement Cost Model (GACMO) and PROSPECTS+ modelling software. This will ensure that the MRV Hub develops targeted capacity building in the region and once completed the roster will be used by the MRV Hub and member countries to engage modelling experts for ongoing work.