



Gloria Cristina Recalde

Cristina Recalde is Environmental Engineer. She is working in Ecuador's National Meteorological Institute (INMAHI) since 2008 in the Climate Modeling Area.

Her carrier and job has led her to specialize increasingly in the management of both statistical tools (such as IRI's CPT) and numerical (downscaling, mesoscale) models, aiming to provide better seasonal forecast and simulations. Her research activities are related with the validation/ verification of the forecast, generation of downscaling multi-parametric and multi-model ensembles and the application of Model Output Statistics for the Ecuadorian Coast.

The products developed by Cristina Recalde are of key importance for decision making in the operational affairs of the National Meteorological Service of Ecuador, both for nationwide and for the coastal specific applications. . The statistical products are used also for the International Center for El Niño Research (CIIFEN) in their Seasonal Forecast for South Western South America Bulletin, while the dynamical model outputs are used on a monthly basis for the Andean Observatory (OA) Project.

She has a growing experience in model tailoring applications, mainly in those related with forecasting vector borne diseases such as yellow fever, malaria and dengue for Ecuador. For such applications she works with the Centro de Modelado Científico (CMC) of Zulia University (Venezuela) and the International Research Institute for Climate and Society (IRI) in developing methodologies for coupling biological models and downscaled seasonal products.