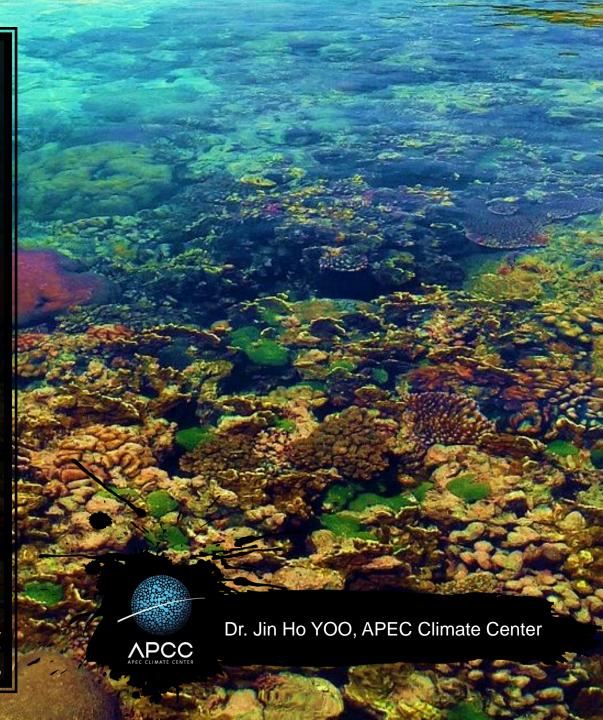


ROK-PI CliPS

Tailored Seasonal Prediction for the Pacific Island Countries

This project is funded by the Government of Korea through the Pacific Island Forum Secretariat (PIFS) and is being implemented by APCC and SPREP



ROK-PI CliPS: Overview

Republic Of Korea-Pacific Islands Climate Prediction Services

Objective:

"To strengthen the adaptive capacity of vulnerable communities to climate risks at the seasonal timescale."

Working Pillars:

One Dynamical Seasonal Forecasting System

→ CLiKo

Two Downscaled Prediction System

 \rightarrow PICV20

Three Development of the Application Guideline

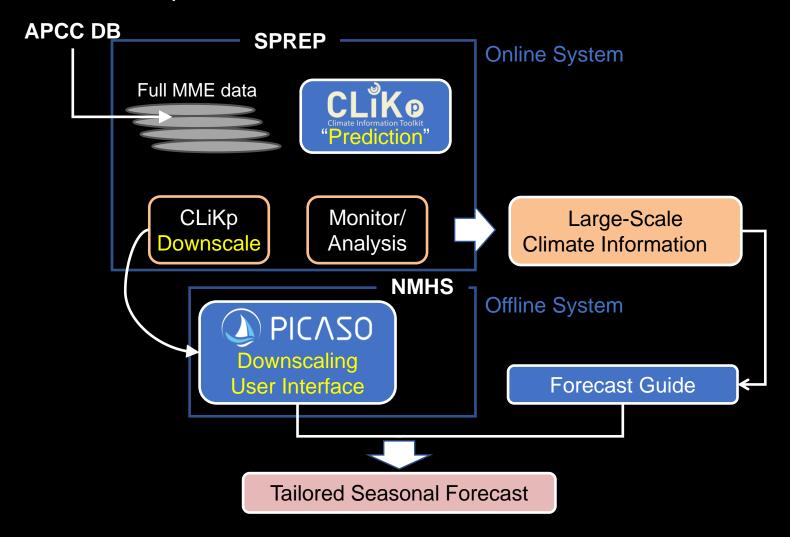
→ Forecast Guidance I & II

Four Training of the Climate Information Application

→ Training & Young Scientist Support Program

ROK-PI CliPS: Structure

Republic Of Korea-Pacific Islands Climate Prediction Services



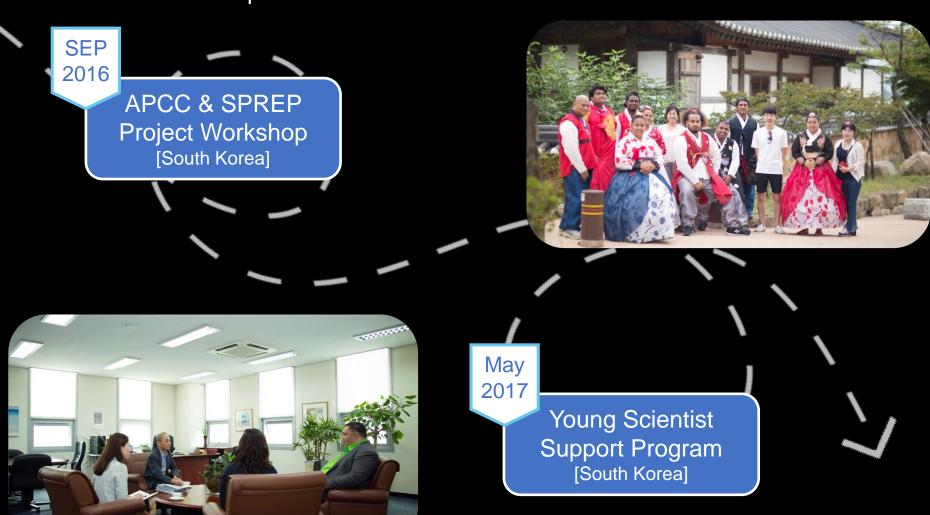
ROK-PI CliPS: Timeline

Republic Of Korea-Pacific Islands Climate Prediction Services



ROK-PI CliPS: Timeline

Republic Of Korea-Pacific Islands Climate Prediction Services

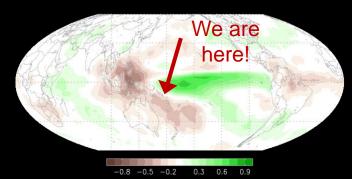


Key contributors...



The gaps....

When ENSO impact is marginal?



Literally, the gaps...



Nonlinearity

Climate change





Movie Clip: PICΛSO Trailer

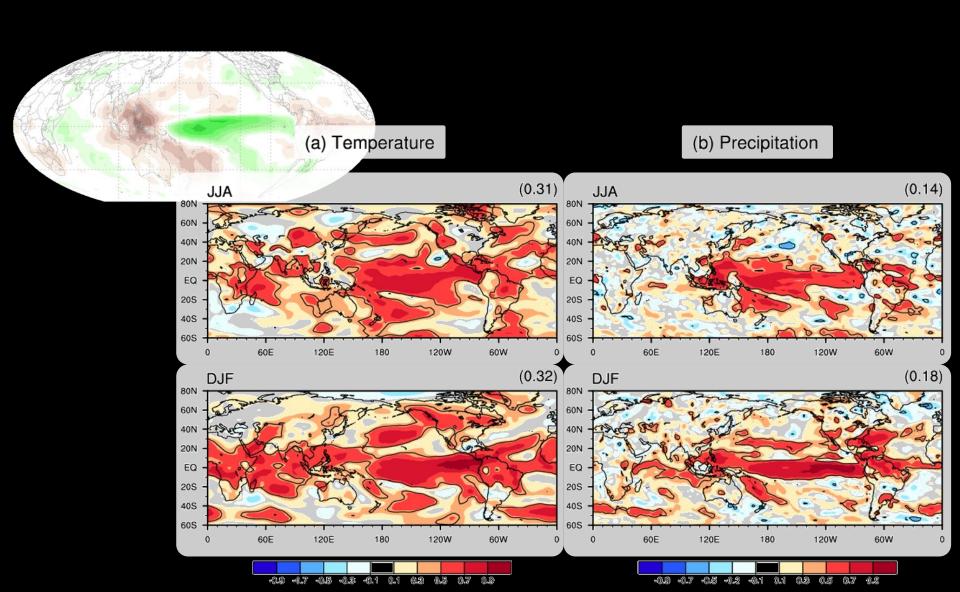




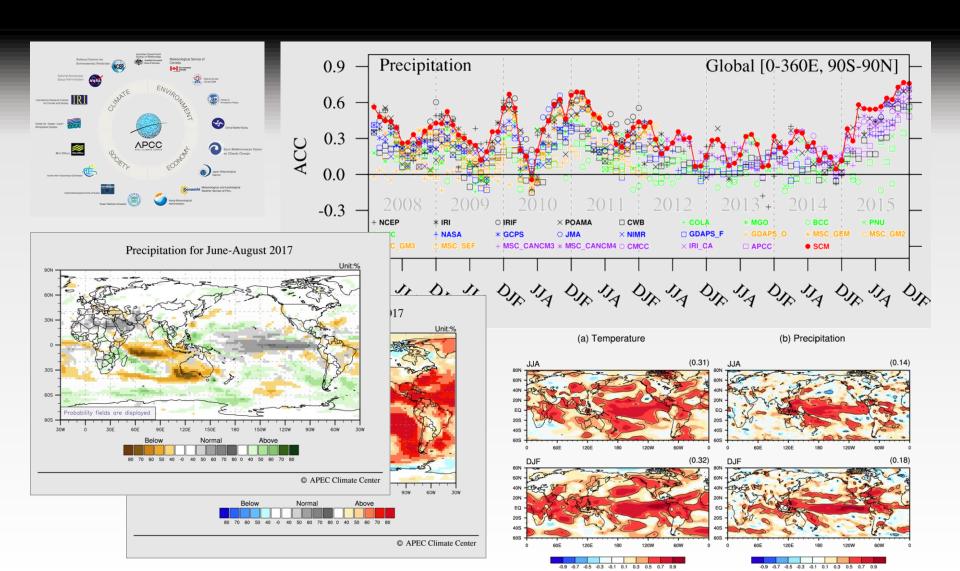
Good Forecast

Use of the dynamic APCC Multi-Model Ensemble forecast

DSP: Predictable # Practice

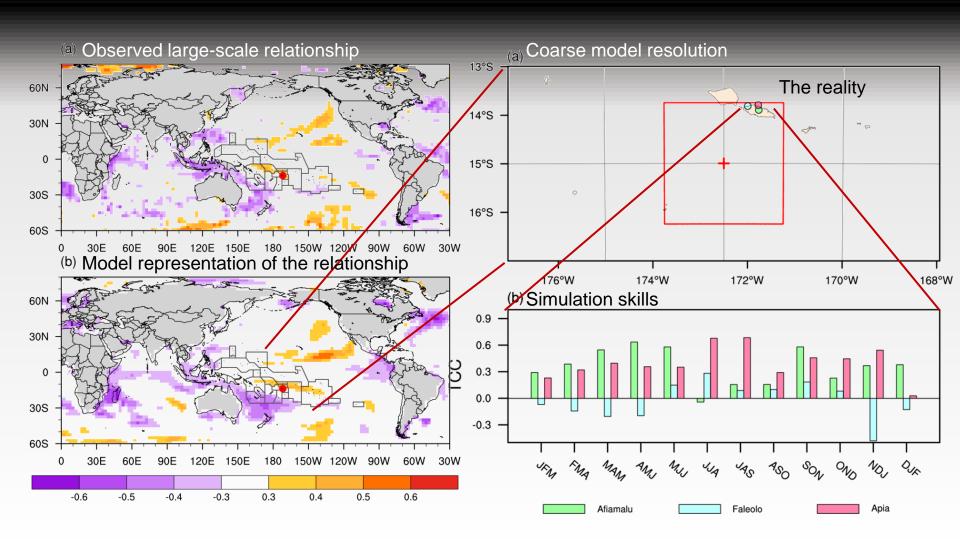


APCC MME forecast

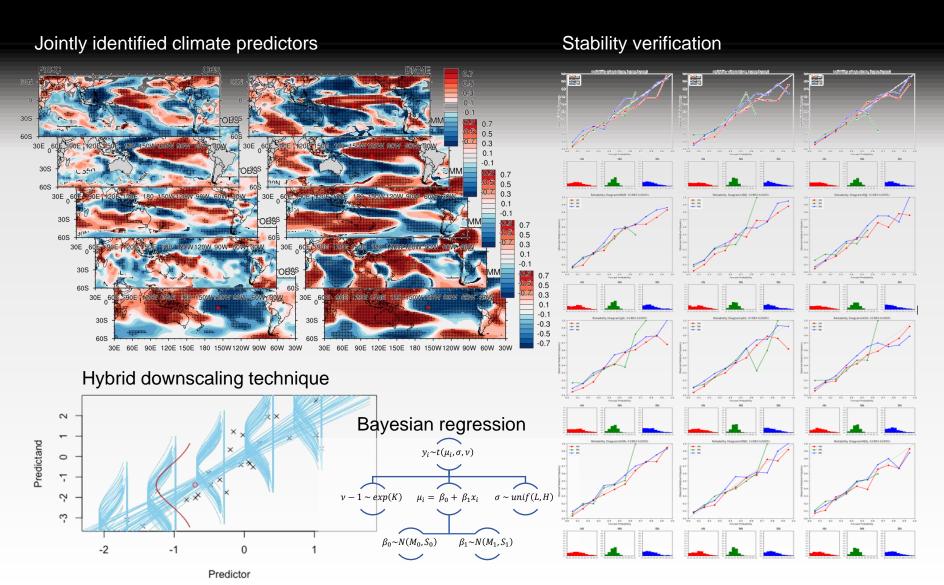




Tailored for your location



Tailoring methodology

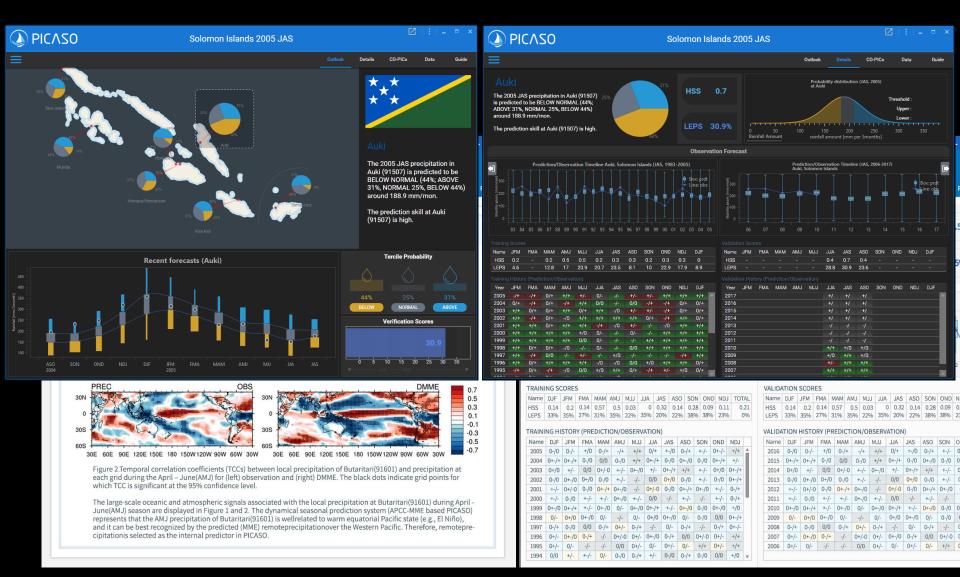




Easy to Use

Client-based portable UX interface

Intuitive climate outlook



PICASO user experience

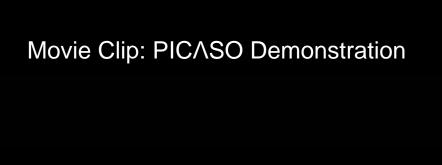
Outlook Details)-PICs y climate at a glance Iarge-scale view for experts Tercile/Recent Forecasts **ENSO/SST** outlook Interactive Probability Scale Verification Scores Historical Forecast/Observation Temperature/Precipitation Natural Language Outlook Training/Validation Scores/Table Validation and Verification Guide Settings Data optimize the system V look beyond manage your data Interactive Data Management **Detailed Application Guide** Themes and Styles

Climate Summary

Export as PDF/PNG

Import and Export



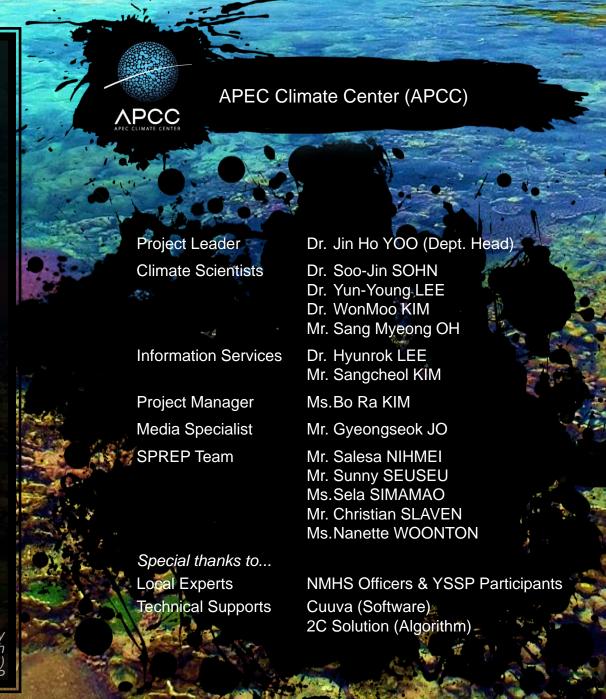




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You want more? We have





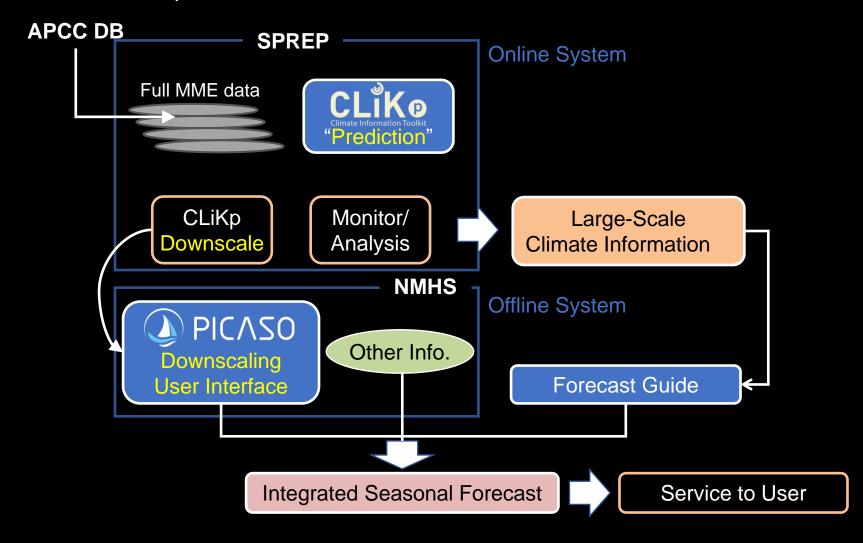


Too much information⁺

Combining all information for the optimized forecast+

ROK-PI CliPS: Structure+

Republic Of Korea-Pacific Islands Climate Prediction Service



Optimal consensus forecast

