VANUATU CUSTOMIZED **CLIMATE INFORMATION SERVICES-BASED DECISION SUPPORTING SYSTEM (DSS)**

#Resilient Development Planning #Climate Change Adaptation **#Disaster Risk Reduction**

OSCAR SYSTEM

Main Climate Services



Service



Farming







Bulletin



Rationales

Reducing potential damages from climate events

Supporting climate sensitive agriculture policies via state-of -the-art scientific results

Adaptation to climate change and variability using modeling tools

Increasing resilience to climate variability in every day farming activities





- · Vanuatu Meteorology and Geohazards Department (VMGD)
- · Secretariat of the Pacific Regional Environment Programme(SPREP)
- · Green Climate Fund (GCF)
- · Department of Agriculture and Rural Development (DARD)
- · APEC Climate Center (APCC), Korea
- · EPINET.co..Ltd.

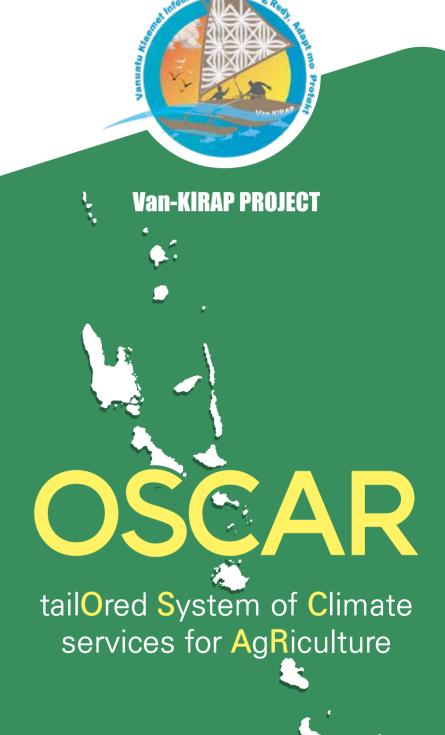












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SUPPORT FOR STABLE AGRICULTURAL ACTIVITIES

IMPROVING OF FIELD CROPS

FARM CUSTOMIZED CLIMATE SERVICE

Web-based DSS Mobile device-compatible DSS

Farming Advisory

Decide crop modeling and traditional knowledge-based optimal farming practices

#APCC mme seasonal forecasts #crop modeling and decision trees



Interactive Weather Map

Explore high-quality near real-time weather data where you are now

#gap-filling #quality-control







OSCAR

Weather Map

Agro-met Index

Agro-met Bulletin

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tailOred System of Climate services for AgRiculture

Climate Extremes Index

Crop Climate Diary (CCD)

Just take photo to collect crop growth and vields

#machine learning #computer vision



Vanuatu Digital Soil Map

Access digitized soil map and data online. A simple yet powerful way to utilize soil data

#more than 20 soil properties #essential data for agricultural decision making



Climate Extremes & Agromet indices

Get early warning information for agricultural practices

#satellite image-based high resolution data #monitoring and forecasting

