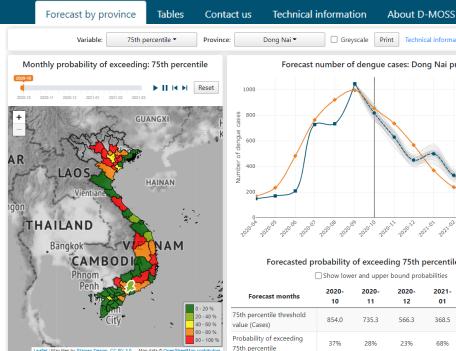
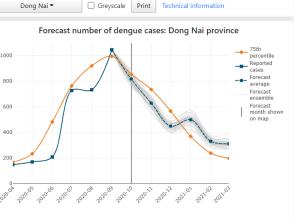
D•MOSS Dengue forecasting MOdel Satellite-based System for Vietnam





Forecasted probability of exceeding 75th percentile threshold

Show lower and upper bound probabilities							
Forecast months	2020- 10	2020- 11	2020- 12	2021- 01	2021- 02	2021- 03	
75th percentile threshold value (Cases)	854.0	735.3	566.3	368.5	237.5	197.0	
Probability of exceeding 75th percentile	37%	28%	23%	68%	70%	79%	
							1

D-MOSS is the first operational dengue fever forecasting system incorporating Earth Observation data and seasonal climate forecasts to issue outbreak warnings up to six months in advance. D-MOSS has been used in Vietnam since June 2019 and is now being made available to Sri Lanka and Malaysia.

Why D-MOSS works for me



Name: Dr Pham Ngoc Thanh

Position: Deputy Director of the epidemiology department, Tay Nguyen Institute of Hygien and Epidemiology (TIHE), Vietnam.

Role description: | plan and direct dengue response activities in the Central Highland region of Vietnam.

How do I use D-MOSS?

We use the D-MOSS dengue forecasts and early warnings to help develop relevant and effective dengue response plans and actions.



D-MOSS end users at TIHE

Using D-MOSS has... helped reduce the number of dengue cases and mortality rate. IJ 🚽

