

Why D-MOSS works for me



D-MOSS

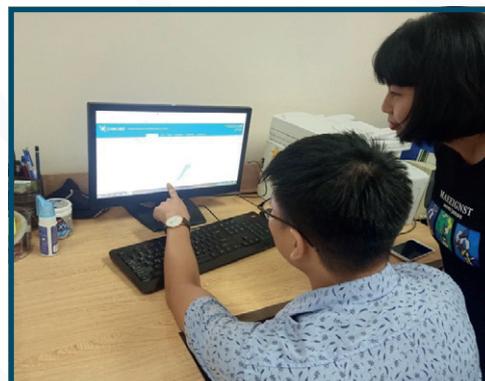
Dengue Model forecasting
Satellite-based System



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Role description: As secretary of the Dengue Prevention and Control Programme for the Northern region of Vietnam, I am in charge of planning and executing dengue prevention and control activities.



D-MOSS end users at the NIHE

How do I use D-MOSS?

At NIHE, we use D-MOSS as an early warning system and its forecasts as a reference for early prevention and control activities against dengue outbreaks.

“ D-MOSS has helped policy-making officials to develop dengue prevention and control strategies in advance of an outbreak. ”

How has D-MOSS made a difference?

Policy making

We are beginning to see that D-MOSS has helped policy-making officials to develop dengue prevention and control strategies in advance of an outbreak, and to contribute to reducing dengue cases and mortality rate.

Coordination

D-MOSS is useful in discussions with relevant officials in charge of dengue prevention and control. NIHE, together with the Centre of Disease Control and Prevention in Nghe An and a

spraying equipment company have used the results of D-MOSS to improve their cooperation and to implement dengue prevention activities.

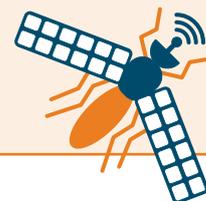
Localised response

We recently used D-MOSS to support the prediction of the dengue situation in the Nghe An province. The model told us that there was a higher probability of dengue outbreaks, compared to that of other provinces. This meant we were able to take the appropriate responses such as larvae killing, environmental

cleaning and chemical spraying. We also encouraged strong participation of local governments and allocated more chemicals for the area.

Future planning

D-MOSS also showed a high probability of dengue outbreaks in July, August and September 2020 in Nghe An. Accordingly, we are going to organise training on entomological surveillance and use of spraying equipment for district officials.



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How will I use D-MOSS in the future?

We are looking forward to using the forecasts in the next version of D-MOSS as a reference for dengue early prevention and control efforts.