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Japan Brings Weather Research to Indonesia

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TEMPO Interactive, Jakarta: The Agency for the Assessment & Application of Technology (BPPT) and the Japan Marine Science & Technology Center (JAMSTEC) are cooperating in atmosphere dynamics research by installing various weather radars in the Indonesias region.

The research, which is called Hydrometeorological Array for Intraseasonal Variation Monsoon Automonitoring (HARIMAU), is aimed at improving weather forecast techniques so that rains that cause flooding, like what is happening currently, can be better anticipated.

In a workshop introducing HARIMAU yesterday (6/2), Professor Manabu Yamanaka from JAMSTEC said the radars that will be installed can monitor winds in a radius of up to 300 kilometers.

The radar that will be installed in Serpong, for example, will be able to monitor the realtime wind map in Jakarta, Bogor, Bekasi and Tangerang.

Yamanaka said that the six radars, comprising X and C-band Doppler Radars and also Wind Profiler Radars, in many locations in Indonesia cannot work independently.

They must be combined with radars and weather stations belonging to BMG (the Meteorology & Geophysics Agency), he said.

In addition to monitoring weather anomalies like what is currently happening in Jakarta, HARIMAU can also produce information that can also be used for other interests such as sowing periods, transportation and air pollution.

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