

Focal parameters estimation method to be used in JMA Nowcast Earthquake Information -1- Hypocenter determination

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At the previous Joint Meeting, we showed that epicentral distance and magnitude of earthquakes can be estimated in 3 seconds with seismogram of a single station. Integrating these data, we can get more accurate hypocenters of earthquakes in a limited time. This is the method that will be used by JMA for the 'Nowcast earthquake information'.

In this presentation, the hypocenter estimation method to improve the precision successively is introduced.