

## Fenomena madden-julian oscillation (mjo) / Rainey Windayati, Dewi Surinati

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### Abstrak

#### **ABSTRACT**

The tropical atmospheric phenomenon known as the Madden Julian Oscillation (MJO) is an atmospheric, large scale, eastward propagating circulation anomaly that originates over the Western Indian Ocean, confined to the tropics, and moves at around 5 to 10 ms with return interval from 30 to 60 days. Near global analysis demonstrated that the MJO is a significant phenomenon that can influence daily rainfall patterns, even at higher latitudes, through interactions with Mean Sea Level Pressure (MSLP). Areas where the MJO phenomenon occur; can be used to gather information on the weather and climate in order to forecasting MJO phenomenon. MJO is responsible for intraseasonal climate variance not only in the tropics, but also in higher latitudes.