

## THESIS

# DEBRIS FLOW SUSCEPTIBILITY ANALYSIS BASED ON LANDSLIDE INVENTORY AND RUN-OUT MODELLING IN MIDDLE PART OF KODIL WATERSHED, CENTRAL JAVA, INDONESIA

Thesis submitted to the Double Degree M.Sc. Programme, Gadjah Mada University and Faculty of Geo-Information Science and Earth Observation, University of Twente in partial fulfilment of the requirement for the degree of Master of Science in Geo-Information for Spatial Planning and Risk Management



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