

**EFFECT OF SEEPAGE AND EARTHQUAKE ON CONCRETE GRAVITY
DAM STABILITY BASED ON NUMERICAL SIMULATION**

THESIS

Proposed as One of the Requirements for the Master of Engineering Degree in Masters
in Natural Disaster Management Engineering Study Program of Department of Civil
and Environmental Engineering



Composed by:

KAOLOR LEECHEU

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**MASTER OF ENGINEERING
IN NATURAL DISASTER MANAGEMENT ENGINEERING
DEPARTMENT OF CIVIL AND ENVIRONMENTAL ENGINEERING
FACULTY OF ENGINEERING
UNIVERSITAS GADJAH MADA
YOGYAKARTA**

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