

**DETEKSI PERUBAHAN KAWASAN MANGROVE PANTAI
SURABAYA DARI TAHUN 2013 SAMPAI 2018 DENGAN
MENGUNAKAN CITRA LANDSAT 8**

SKRIPSI



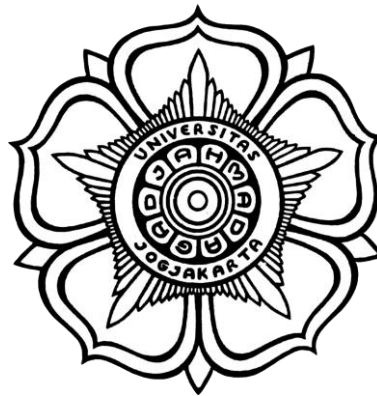
JUNUS RAMADHANI
NIM : 14/367108/TK/42351

**PROGRAM STUDI SARJANA TEKNIK GEODESI
DEPARTEMEN TEKNIK GEODESI
FAKULTAS TEKNIK
UNIVERSITAS GADJAH MADA**

2019

CHANGE DETECTION OF MANGROVE REGION SURABAYA BEACH FROM 2013 UNTIL 2018 USING LANDSAT 8 IMAGERY

FINAL PROJECT



JUNUS RAMADHANI
NIM : 14/367108/TK/42351

**UNDERGRADUATE STUDY PROGRAM OF GEODETIC ENGINEERING
DEPARTMENT OF GEODETIC ENGINEERING
FACULTY OF ENGINEERING
UNIVERSITAS GADJAH MADA
YOGYAKARTA
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**Untuk memenuhi salah satu persyaratan dalam mencapai derajat Sarjana
Teknik Program Studi Teknik Geodesi**



Diajukan Oleh :
JUNUS RAMADHANI
NIM : 14/367108/TK/42351

Kepada :
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**Submitted as partial fulfilment of the requirements for obtaining the degree of
Bachelor of Engineering in Study Program of geodetic Engineering**



By :

JUNUS RAMADHANI

NIM : 14/367108/TK/42351

To :

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DEPARTMENT OF GEODETIC ENGINEERING

FACULTY OF ENGINEERING

UNIVERSITAS GADJAH MADA

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