

**METODE SEMI ANALITIS MULTIKANAL UNTUK
ESTIMASI KEDALAMAN PERAIRAN DANGKAL DI
KEPULAUAN KARIMUNJAWA MENGGUNAKAN CITRA
BEDA RESOLUSI SPASIAL**

TESIS



Diajukan oleh :

LUHUR MOEKTI PRAYOGO

NIM. 19 / 449597 / PTK / 12856

Kepada :

PROGRAM STUDI MAGISTER TEKNIK GEOMATIKA

DEPARTEMEN TEKNIK GEODESI

FAKULTAS TEKNIK

UNIVERSITAS GADJAH MADA

YOGYAKARTA

2021

**MULTIBAND SEMI ANALYTICAL METHOD FOR
ESTIMATING SHALLOW WATER DEPTH IN
KARIMUNJAWA ISLANDS USING DIFFERENT SPATIAL
RESOLUTION IMAGES**

THESIS



By :

LUHUR MOEKTI PRAYOGO

NIM. 19 / 449597 / PTK / 12856

To :

GRADUATE STUDY PROGRAM OF GEOMATIC ENGINEERING

DEPARTMENT OF GEODETIC ENGINEERING

FACULTY OF ENGINEERING

UNIVERSITAS GADJAH MADA

YOGYAKARTA

2021

**METODE SEMI ANALITIS MULTIKANAL UNTUK
ESTIMASI KEDALAMAN PERAIRAN DANGKAL DI
KEPULAUAN KARIMUNJAWA MENGGUNAKAN CITRA
BEDA RESOLUSI SPASIAL**

TESIS

Untuk memenuhi salah satu persyaratan dalam mencapai derajat Master Teknik
Program Studi Magister Teknik Geomatika



Diajukan oleh :

LUHUR MOEKTI PRAYOGO
NIM. 19 / 449597 / PTK / 12856

Kepada :

**PROGRAM STUDI MAGISTER TEKNIK GEOMATIKA
DEPARTEMEN TEKNIK GEODESI
FAKULTAS TEKNIK
UNIVERSITAS GADJAH MADA
YOGYAKARTA
2021**

**MULTIBAND SEMI ANALYTICAL METHOD FOR
ESTIMATING SHALLOW WATER DEPTH IN
KARIMUNJAWA ISLANDS USING DIFFERENT SPATIAL
RESOLUTION IMAGES**

THESIS

submitted as a partial fulfillment of the requirements for obtaining
the degree of Master of Engineering in the Study Program of Geomatic
Engineering



By :

LUHUR MOEKTI PRAYOGO

NIM. 19 / 449597 / PTK / 12856

To :

GRADUATE STUDY PROGRAM OF GEOMATIC ENGINEERING

DEPARTMENT OF GEODETIC ENGINEERING

FACULTY OF ENGINEERING

UNIVERSITAS GADJAH MADA

YOGYAKARTA

2021