

**IDENTIFIKASI SEBARAN BANJIR BERDASARKAN CITRA  
SATELIT SENTINEL-1 MENGGUNAKAN METODE  
*NORMALIZED DIFFERENCE SIGMA INDEX* (NDSI)  
(Studi Kasus: Kota Tanjungpinang)**

**TUGAS AKHIR  
TA. 2020/2021**



**Oleh  
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**PROGRAM STUDI DIPLOMA III TEKNIK GEOMATIKA  
DEPARTEMEN TEKNOLOGI KEBUMIHAN  
SEKOLAH VOKASI  
UNIVERSITAS GADJAH MADA  
2021**

**IDENTIFICATION OF FLOOD DISTRIBUTION BASED ON  
SENTINEL-1 SATELLITE IMAGERY USING NORMALIZED  
DIFFERENCE SIGMA INDEX (NDSI)  
(Case Study: Tanjungpinang City)**

**FINAL REPORT  
Academic Year 2020/2021**



**By  
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**THE DIPLOMA III STUDY PROGRAMME OF GEOMATIC  
ENGINEERING  
DEPARTMENT OF GEO-TECHNOLOGY  
VOCATIONAL COLLEGE  
GADJAH MADA UNIVERSITY  
2021**

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NORMALIZED DIFFERENCE SIGMA INDEX (NDSI)  
(Studi Kasus: Kota Tanjungpinang)**

**TUGAS AKHIR**

**TA. 2020/2021**

**Sebagai bagian dari materi Tugas Akhir dan untuk memenuhi salah  
satu persyaratan dalam mencapai derajat Ahli Madya  
Program Studi Diploma III Teknik Geomatika**



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**FINAL REPORT  
Academic Year 2020/2021**

**Submitted as a partial fulfillment of the requirements for obtaining  
the Associates Degree of the Diploma III in Geomatic Engineering  
Study Program**



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Khalimatus Sadiyah  
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**THE DIPLOMA III STUDY PROGRAMME OF GEOMATIC  
ENGINEERING  
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