



Graduation plan
Geomatics for the Built Environment

Automated Building Damage Classification through the Fusion of Remotely Sensed Data

Case study: Hurricane Damage on St. Maarten

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COVER IMAGE:

UAV imagery from Cay Bay on St. Maarten after Hurricane Irma. (Source: Netherlands Red Cross (12 Sept. 2017), Cole Bay - Sint Maarten [georeferenced image], used under CC-BY4.0 as part of Open Imagery Network, retrieved from www.openaerialmap.org)

AUTOMATED BUILDING DAMAGE CLASSIFICATION THROUGH THE FUSION OF REMOTELY SENSED DATA

Case study: Hurricane damage on St. Maarten

A graduation plan submitted to the Delft University of Technology in partial fulfilment of the
requirements for the degree of

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by

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3D geoinformation group
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ACRONYMS

1 | INTRODUCTION

An introduction in which the relevance of the project and its place in the context of geomatics is described, along with a clearly-defined problem statement.

Dominici et al. [2017] cites something as a noun, and it's also possible to put the references between parentheses at the end of at sentence [Montgomery et al., 2016]

2 | RELATED WORK

A related work section in which the relevant literature is presented and linked to the project.

3 | RESEARCH QUESTIONS

The research questions are clearly defined, along with the scope (ie what you will not be doing).

4 | METHODOLOGY

Overview of the methodology to be used.

5 | TIME PLANNING

Having a Gantt chart is probably a better idea then just a list.

6 | TOOLS AND DATASETS USED

Since specific data and tools have to be used, it's good to present these concretely, so that the mentors know that you have a grasp of all aspects of the project.

REFERENCES

- Dominici, D., Alicandro, M., and Massimi, V. (2017). UAV photogrammetry in the post-earthquake scenario: case studies in L'Aquila. *Geomatics, Natural Hazards and Risk*, 8(1):87–103.
- Montgomery, K., Fernandez, J., Ruggiero, G., and Gordon, S. (2016). Drone Photogrammetry for Flood Preparedness. *International UNESCO Conference on Technologies for Development: From Innovation to Social Impact*, pages 2–6.

COLOPHON

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