

# Methods for Improving Cadastral Map in Norway

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## SUMMARY

Students and Academic Staff from Western Norway University of Applied Sciences have the last 3 years participated in a project with municipalities in Northern Part of Norway to find a way of improving the quality of the Norwegian Cadastral Map. We have used simplified methods and we have used normal procedures to correct the map. The different methods will be presented in this paper, mostly discussing organizational challenges. The quality of the cadastral map varies between municipalities and inside the municipalities. In this project we have been working in a small municipality in Røst. The administration is small and in many fields like cadastral surveying, Røst municipality have a collaboration with Bodø municipality. Students and staff from the university, do field work in this area involving landowners to improve the cadastral map. The benefits for the students are to work together with professionals and landowners. And they have nice time in beautiful Lofoten. The benefits for landowners are to secure boundaries and land rights. The benefit for society is to improve the quality of cadastral map for use in spatial planning. The benefits for the staff are to develop research activities based on cadastral work and collaboration with professionals. The benefits for the university are to have motivated students and a lot of applicants to the study programs.

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