

Master's or Project Thesis HS 2020

Head: Prof. Dr. Robert Boes
Supervision: VAW-Assistenz
Partner: 

Nam Phak Hydropower Project

The Nam Phak Hydropower Project is located in the south-western part of the Bolaven Plateau, approximately 10 km south-west of Paksong in the southern region of Lao PDR, and takes advantage of a 700 m difference in elevation between the plateau and the plains to the south. The project shall collect the runoff from a number of streams on the plateau that flow generally north-west and south-west. Two diversions are foreseen to convey the water to the reservoir(s). As a result of various factors, a scheme providing a high storage potential is preferred.

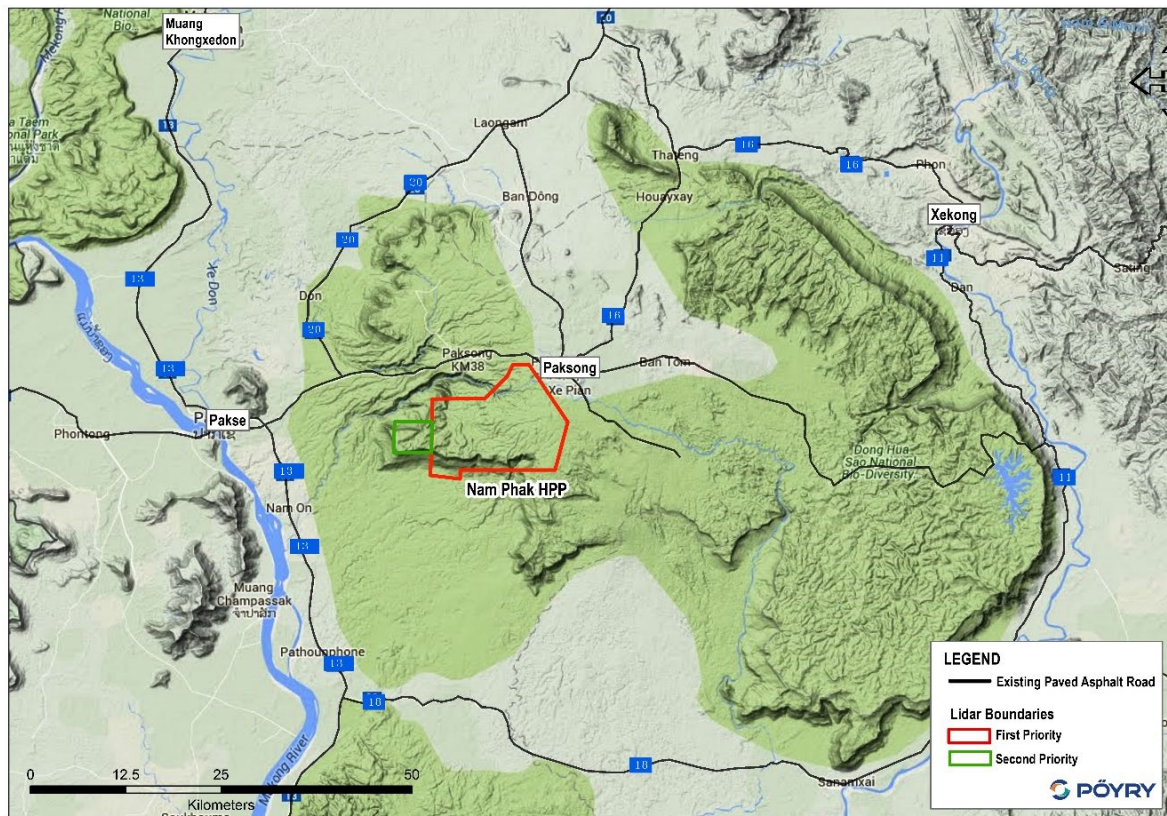


Fig. 1: Project area of Nam Phak Hydropower Project

Based on a review of the available basic studies (e.g. topography, geology, hydrology), the student shall carry out a study of variants. The most suitable option shall be elaborated on the level of a preliminary project.

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Remarks:

Single MSc-Thesis or Group Project
Thesis, project oriented;
Thesis in English.