

## **The study on impacts and monitoring of transboundary environment from hydropower development along the Mekong mainstream (TNMC Study)**

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### **Abstract**

This joint study between Department of Water Resources, and Office of National Resources and Environmental Policy and Planning has been commenced since 2014 in 8 provinces along the Mekong corridor (15 km landwards from the bank) i.e. Chiang Rai, Loi, Nong Khai, Bueng Kan, Nakorn Panom, Mukdahan, Amnart Charoen, and Ubon Ratchatani. Local institutional consults were hired to study on multi-disciplinary tasks. Three phases of study (pre-during–post dam construction) have been planned for 15 years. The main objectives are 1) to study and monitoring transboundary (Tb) environmental and social impacts from hydropower development along the Mekong mainstream during pre-present-post construction 2) to create Geo-Informatics database of transboundary environmental and social impact induced by hydropower development 3) to grant awareness to the riparian stakeholders for good preparation on mitigation, adaptation due to hydropower development 4) to build up the cooperation between civil society and government on monitoring transboundary environmental and social impacts from hydropower development along the Mekong mainstream.

**Keywords:** transboundary, environment, impact, mainstream, hydropower