



<b>Project Title</b>	Construction Methods and Sound Quality of Thai Plucked Instruments and Drums within the Northern Regions of Thailand
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### **Abstract**

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This research aims at the studies of making the Seung-Klang, a plucked instrument in northern Thailand, and Klong Puu-jae, a northern Thai drum. The research is conducted in Chiang Mai, Mae Hongson, Lamphoon, Lampang and Naan.

The Studies have found that, in the making process, local materials and local equipments are used whereas in the industrial production the more-advanced equipments are used. The use of more-advanced equipments results in the productivity which allows shorter production period and more amount of the product. Each of the 13 artists making the Sueng-Klang has different producing method causing the differences in forms and sizes, but in the audiology the artists apply the similar methods depending on one's experience and expertise.

For the Klong Puu-jae, the studies have found that the 4 artists mostly apply local materials and equipments; only in a few parts of the method they use more-advanced equipments. Some factories apply both local and more-advanced equipments. The drum body is made of wood with cow skin membranes in the similar forms and sizes according to the local wisdom.