**Abstract**

Research Title : The Geometric Information Online System for Water West Management of Bangbaotong Sub district Administrative Organization (SAO)

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The study of geographic information system is to use in wastewater management in the area of ​​Bangbuathong Subdistrict Administrative Organization. The objectives of this study were to analyze the appropriate model and to create an online geographic information system for wastewater management of Khlong Sam Wang. It is in the area of ​​responsibility of the Bang Bua Thong District Administrative Organization, Bang Bua Thong, Nonthaburi province. The system was used the elements of the Management Information System (MIS), the underlying database and geographic information with the cooperation of the field of environmental science and computer science. The sampling and analysis of wastewater quality at various points. Of Khlong Sam Wang. Computer Science Department will develop an online geographic information system. The result of this study shows the system can be used effectively and effectively in the management of wastewater in the area as well. In terms of system quality, which uses Black box testing and qualitative questionnaire system by experts with quality evaluation techniques of the program show the system meets the needs of users, good performance, and ease of use. But the security is still at a moderate level.