

Sawat Sukumpanich 2012: Information Systems Development in Support of Community Development in Sub-district Administrative Organizations in Kamphaeng Saen District, Nakhorn Pathom Province. Master of Arts (Human and Community Resource Development), Major Field: Human and Community Resource Development. Department of Human and Community Resource Development. Thesis Advisor Supaporn Songphacha, Ed.D. 117 pages.

This research aims to identify problems of, and need for, information systems in support of community development and to develop an information system in response to community development work for Sub-district Administrative Organizations in Kamphaeng Saen District, Nakhon Pathom province. It is based on research and development approach. In identifying problems and needs, structured interviews with 15 policy and planning analysts (potential users) in each Sub-district Administrative Organization were performed to gather their problems and needs. The data gathered were then content analyzed. In information systems development, a Systems Development Life Cycle (SDLC) with user involvement was applied.

The Sub-district Administrative Organizations were in need of information systems for development of quality of life and public health. The most needed systems was information systems for the elderly, handicaps and the patients with AIDS, followed by the information systems for household profile, the information systems for garbage collection fees, the information systems for water supply fees, and the information systems for human resource in sub-district administrative organizations, respectively.

Thus, the information systems for the elderly, handicaps, and HIV patients was developed with the participation of policy and planning analysts all through the SDLC: 1) planning, 2) analysis, 3) design, 4) implementation, and 5) maintenance and support. The findings showed that getting potential users involved in developing the information systems responsive to their needs could help them solve the problems to some extent and they were satisfied with the systems.

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