Title The Co-production and Sustainability policies: Multi-case Study in Water Management Policies
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Abstracts
The objectives of the study were: 1) to study the pattern of the co-production in water management policy formulation and policy implementation 2) to investigate factors affecting the co-production that affected sustainability in the sustainable development policy of multi-case study. Two study cases were the water management in Ban Tun sub-district, Muang district in Phayao province and the water management in Rong Ngae village in Worranakorn sub-district, Pua district in Nan province. The research was qualitative research applying in-depth interview, non-participatory observation, and focus group. The research conducted Triangulation to verify the data. Tool was a semi-structured interview form. The data analysis applied content analysis method and a qualitative data analysis software.

The pattern of the co-production in water management policy formulation and policy implementation were the full co-production. It was resulted from norms and cultures and existing policies and knowledges that built up the relationship among communities, stakeholders and agencies working with water management. The factors affecting the co-production that affected sustainability in the sustainable development policy of multi-case study were two environmental factors: 1) Society standard and culture and existing policy and knowledge, the input factors: 1) Water management knowledge 2) Collaboration with its sub-elements, Resources, Technology application and rules of law, and output: 1) knowledge expansion and competency development. The research suggestion was that knowledge expansion and competency development should be enhanced by building co-production in knowledge and competency development by academics.

Keywords co-production, water management policy, multiple case study, Rong Ngae village, Ban Tun sub-district