

<b>Research Title</b>	A Development of Cooperative Networking Model for Increasing Educational Provision Quality at Early Childhood Level of the Child Development Centers under Local Administrative Organization: Participatory Action Research
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The purposes of this research were 1) to study condition and need for cooperative networking model for increasing provision quality at early childhood Level of the child development centers under Local Administrative Organization 2) to formulate the components and model of cooperative networking model for increasing provision quality at early childhood Level of the child development centers under Local Administrative Organization 3) to examine the components of cooperative networking model for increasing provision quality at early childhood Level of the child development centers under Local Administrative Organization 4) to examine the model of cooperative network for increasing provision quality at early childhood Level of the child development centers under Local Administrative Organization from multi-group evaluators 4.1) group of child development centers 4.2) group of higher education institutions that provide instruction in early childhood education 4.3) group of network organization and 5) to study factors affecting provision quality at early childhood Level of the child development centers under Local Administrative Organization.

The significant research findings were as follows:

1. The current condition of cooperative network between child development centers and their network of 3 groups of stakeholders' opinion (group of child development centers 2) group of higher education institutions that provide instruction in early childhood education 3) group of network organization) found that the majority of 3 groups' opinion were no cooperative network organization (53.33%, 87.50% and 67.00% respectively) followed by partially cooperative network

organization (40.00% , 12.50% and 28.00% respectively) and formal cooperative network (0.67% , % and 5.00% respectively). The need for cooperative networking model for increasing provision quality at early childhood Level of the child development centers under Local Administrative Organization found that the majority of 3 groups' opinion needed for cooperative networking model (95.56% , 100.00% and 98.00% respectively)

2. Eighty five related literatures were reviewed for synthesis the components and indicators of cooperative networking model for increasing provision quality at early childhood Level of the child development centers under Local Administrative Organization. They were 3 components: 1) input (composed of 4 indicators: 1.1) the structure of cooperative networking ( composed of 6 sub-indicators) 1.2) the objectives of cooperative networking (composed of 6 sub-indicators) 1.3) the function of cooperative networking (composed of 6 sub-indicators) 1.4) the budget (composed of 7 sub-indicators) 2) process (composed of 3 indicators: 2.1) the establishment of cooperative networking (composed of 7 sub-indicators) 2.2) the administration of cooperative networking ( composed of 13 sub-indicators) 2.3) the maintaining of sustainable cooperative networking (composed of 6 sub-indicators) and 3) output/ outcome composed of 13 indicators

3. The result of the quality examination of components, indicators and research instruments of cooperative networking model for increasing provision quality at early childhood Level of the child development centers under Local Administrative Organization evaluated from experts and 3 groups of stakeholders found that components, indicators and research instruments of cooperative networking model for increasing provision quality at early childhood Level of the child development centers under Local Administrative Organization had content validity, appropriateness, utility and applicable

4. The component of the cooperative networking model for increasing provision quality at early childhood Level of the child development centers under Local Administrative Organization composed of forward, model origin, model development discipline, purpose of the model, structure of the model, model plan, model activities organizing model, document and model evaluation and model perspectives were managed in many characteristic of cooperative networking : academic cooperative networking, research cooperative networking, learning cooperative networking, social cooperative networking and online cooperative networking.

5. The quality examination study results of the developed cooperative networking model for increasing provision quality at early childhood Level of the child development centers under Local Administrative Organization using latent growth curve model found that the growth of cooperative networking cooperative networking model for increasing provision quality at early childhood Level for increasing provision quality at early childhood Level indicators: input, process, and output/outcome that all 3 models had changed increasing in linear growth model. The three times of growth rate analyses of desirable teacher characteristic indicators found that the growth rate of February to April 2018 ranged from 0.267 - 0.425 and April to June 2018 ranged from 0.490 – 0.597. The initial means ranged from 1.625 – 2.123 and the slope means ranged from 0.562 – 0.789. The 3 models fitted nicely to empirical data.

6. The factors affecting the desirable provision quality at early childhood Level of the child development centers under Local Administrative Organization using multi-level analysis in the level of child development centers and the level of region were the human resource of child development centers, the management of child development centers and the supporting policy of Local Administrative Organization.