

## **TITLE: Canalization, the Synthesized Model on Improving Determinants of Stunting in 1000 Days of Early Life in West Bandung Region, Indonesia**

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## ABSTRACT

Indonesia currently facing a stunting problem for the last decade. Overall Indonesia succeeded in reducing stunting prevalence among children under five years old from 30.8% in 2018 became 21.6% in 2022. However, this achievement is still far away from the national target of 14% in 2024. To accelerate the elimination of the stunting problem, the Indonesian government has been implementing the converged strategy among intersectoral collaboration from center to region. To support this acceleration strategy, released in 2021 Presidential Decree Number 72 was developed and involved higher education in acceleration strategy through the MBKM (Freedom of Learning Independent Campus) program and formed the accelerating ad hoc team for eliminating stunting. Based on a small study conducted in the West Bandung region, both nutrition-specific and nutrition-sensitive strategy has a significant potential role in decreasing stunting problems. However, to achieve decreasing stunting by up to 14% in 2024 is needed more effort, especially in the improvement of quality services in the nutrition-specific program and ensuring accessibility of all nutrition-sensitive programs to the actual stunting risk group.

The canalization model has two main visions, firstly, in every carried out nutrition-specific service the provider not only focus on coverage indicators but should also be interested in quality service for achieving outcome or impact indicators. Secondly, intersectoral providers should make sure that nutrition-sensitive programs really can be accessed by the stunting risk group.

## **BIOGRAPHY**

Suparman Samsidi has completed his Doctoral Program at the Faculty of Human Ecology of IPB University, Indonesia. He is a Senior Lecturer at the Nutrition Department of Bandung Health Polytechnic, Indonesia. He has many publications from his research studies related to public nutrition issues such as the role of nutrition and synbiotics on tuberculosis disease, the coping strategy of poor households to food insecurity, quality assurance of nutrition services in health centers, a study of identification among determinant factors of stunting, development of stunting elimination model in micro level, prototype development of imaging sensor based anthropometric digitalized equipment. He is the chief of the health research ethical committee at his institution. He is a reviewer of many accredited journals.

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