



# PROCEEDINGS



## “EDUCATIONAL CHALLENGES AND STRATEGIES OF HIGHER EDUCATION IN HEALTH/ACHIEVEMENT OF SDGS 2030”

Hotel Damhil UNG, Gorontalo City, Sept 27<sup>th</sup> 2017

BOOK 3

SUSTAINABLE  
DEVELOPMENT  
GOALS



**PUBLIC HEALTH DEPARTMENT  
SPORT AND HEALTH FACULTY  
GORONTALO STATE UNIVERSITY**



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# PREFACE

Assalamu'alaikum warrahmatullahi wabarakatuh

Firstly, may we made our highest praise and thank to Allah The Almighty, for His bless so what we are able to conduct such an precious moment; Third International Seminar on Public Health and Education 2017 in Gorontalo Indonesia, to share our knowledge and ideas with so much warm and friendship from worldwide public health and education community.

International Seminar on Public Health and Education 2017 is aimed to gather all of experts, researchers, academicians and practitioners in health education field in general as well as national and international level in one prestigious academic forum which to discuss all health-education-related issues, ranging from human resources, curriculum, institutionalization ect. The seminar also proposed to contribute to the focus of health development direction; by considering also situation and the status of local health condition from each region, both national and regional levels as well as its relation to global health trends.

I would like to deliver our highest respect and appreciation to our honorable speakers, Dr. Jihane Tawilah (WHO Indonesia Representative), Prof. Dr. dr. Oktia Woro K.H.,M.Kes (Keynote Speaker from Semarang State University), Febi Dwirahmadi, SKM, MSc.PH, PhD (Centre of Environment and Population Health School of Medicine, Griffith University, Australia), Prof. Kraichat Tantrakarnapa (Mahidol University), and Dr. Kukiattudpor, PhD (Mahasarakham University). I really expect that this seminar will be beneficial for all of us and to the development of the Public Health and Education field.

Allow me to express my gratitude to the participants and audiences from Indonesia and other foreign countries who are enthusiastic in attending this seminar. I do hope that all audiences will gain important values and collaborate it into our fields and make significant changes in the future. Besides that, I also

convey my appreciation to all of organizing committee who has given their outstanding commitment for presenting this occasion.

Wassalamu'alaikum warrahmatullahi wabarakatuh

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# **ORAL PRESENTATIONS**

## **ECOSOCIAL ANALYSIS OF DENGUE FEVER INCIDENT IN SUB DISTRICT OF KOTA TENGAH, GORONTALO CITY**

**Dr. LINTJE BOEKESOE, M.KES**

### **ABSTRACT**

Gorontalo is one of the provinces Province endemic Dengue Fever. amount of dengue fever cases in province Gorontalo from year to year experience fluctuation, by because that needed handling for tackle problem The dengue disease. Sub district of kota tengah is one of the area with amount dengue fever cases tallest. research this aim for analyze ecosocial against dengue fever Center Health Society from Central City District, Gorontalo. Research this use design case control or research retrospective for knowing relationship factor risks affecting incidence of dengue fever (relationship causation). Sample group case research this is all people looking treatment in Puskesmas and they claimed that they suffering from dengue fever. While the sample group control from research this is all people looking treatment in Puskesmas and they claimed that they no suffering from dengue fever. Based on the results of risk factors incidence of dengue in sub district of kota tengah Ecological factors (environmental) associated with the incidence of dengue is the presence of stagnant water, presence of shrubs / weeds around the house, Condition of the house wall. while those not associated with the incidence of dengue is the presence of livestock (cattle sheds). The climate factors such as temperature, humidity, rainfall, duration of exposure and the speed of the wind direction is still appropriate for the breeding of dengue vectors. Social factors associated with the incidence of dengue is the knowledge of respondents, while Social factors (behavioral) associated with the incidence of dengue is a habit use netting when sleeping at night, whereas social factors (behaviors) that are not associated with the incidence of dengue fever is the habit of using a wire gauze on ventilation, habitual use of mosquito repellent, and outdoor habits at night. For social factors (attitude) either positive or negative attitude attitude no correlation with the incidence of dengue. Logistic regression results of several variables ecological factors and social factors (*ecosocial*) showed that 5 (five) variables related to the incidence of dengue. The most dominant risk factors probably contribute to the incidence of dengue for the ecological factor is the presence of puddles. As for the most dominant social factors is the habit of using mosquito nets.

**Word Keywords:** Dengue Fever, Ecosocial, Ecology, Social factor

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**THE IMPACT OF SOCIO-ECONOMY AND SOCIO-CULTURAL  
CONDITION ON THE CHILDREN'S NUTRITIONAL STATUS IN  
KABILA COMMUNITY HEALTH CENTRE  
BONE BOLANGO REGENCY**

Sunarto Kadir

**ABSTRACT**

Children's nutritional status refers to the condition of children's health based on the needs of their physical energy and other nutrition from foods. The physical impact regarding nutritional status is measured through anthropometry. This raises a question whether the socio-economy and socio-cultural condition affect children's nutritional status in which later acts as the aim of this study.

This observational analytic research employed the *cross-sectional study* approach. The population of this research involves all 1966 women in the working area of the Kabila community health center (*puskesmas*); the total population of the children is 300. Furthermore, the *Chi-Square* test was applied to analyze the data.

The results reveal that there is an interrelation between women's occupation and children's nutritional status, p-value 0.048; similarly, women's knowledge p-value=0.05, as well as tradition and habitual action p-value=0.036 also contributes to the nutritional status. On the contrary, personal belief's does not influence the nutritional status of the children, p-value=0.409.

In other words, the socio-economy and socio-cultural condition of women plays a major role in shaping children's nutritional status. However, this does not apply to the indicator of personal beliefs. It is expected that the nutrition officers to conduct workshops or seminars to raise the awareness and the contribution of the community towards the nutritional issue.

**Keywords:** Children's Nutritional Status, Socio-Economy, Socio-cultural