

# PUBLIC HEALTH OF INDONESIA

e-ISSN 2477-1570

p-ISSN 2528-1542

<http://stikbar.org/ycabpublisher/index.php/PHI/>

Public Health of Indonesia is an International, peer-reviewed, and open access journal published by the YCAB Publisher and the Indonesian Public Health Association, Southeast Sulawesi (IAKMI SULTRA) Indonesia, emphasizing on original research findings that are relevant for developing country perspectives including Indonesia. The journal considers publication of articles as original article, review article, perspective, letters to editor and editorial. The journal covers population based studies, impact assessment, monitoring and evaluation, systematic review, meta-analysis, clinic-social studies etc., related to any domain and discipline of public health, specially relevant to national priorities, including ethical and social issues. Articles aligned with national health issues and policy implications are preferred.

*An official publication of*

YCAB Publisher & Indonesian Public Health Association (IAKMI)  
Sulawesi Tenggara, Indonesia

# Public Health of Indonesia

**Volume 5 Issue 2 (2019)**

*Public Health of Indonesia* is an open access journal emphasizing on original research findings that are relevant for developing country perspectives including Indonesia. The journal considers publication of articles as original article, review article, short communication / brief reports, Education forum, letters to editor, case reports, etc. The journal covers population based studies, impact assessment, monitoring and evaluation, systematic review, meta-analysis, clinic-social studies etc., related to any domain and discipline of public health, specially relevant to national priorities, including ethical and social issues. Articles aligned with national health issues and policy implications are preferred.

**The Official Publication of YCAB Publisher & IAKMI SULTRA**

**Editorial Office**

Kompleks Kendari Permai Blok P 2 No 1  
Kelurahan Padaleu, Kecamatan Kambu, Kota Kendari Indonesia  
Email: [indonesianpublichealth@gmail.com](mailto:indonesianpublichealth@gmail.com)

**Library of Congress Cataloging-in-Publication Data**

**Public Health of Indonesia Volume 5 Issue 2 (2019)**

P-ISSN 2528-181x | E-ISSN 2477-1570

Copyright © 2019, by the Author(s), Public Health of Indonesia – YCAB Publisher – IAKMI SULTRA. This is an open-access issue distributed under the terms of the Creative Commons Attribution Non-Commercial License, which permits unrestricted non-commercial use, distribution, and reproduction in any medium, provided the original work is properly cited.

## Editorial Team

### Editor-in-Chief

Ramadhan Tosepu, SKM, M.Kes, PhD, (Scopus ID: 57193652279) Faculty of Public Health, University of Halu Oleo, Indonesia, Indonesia

### Editorial Advisory Panels

Prof. Dr. drg. A. Arsunan Arsin, M.Kes, (Scopus ID: 57192980201) University of Hasanuddin, Indonesia

Prof. Dr. Nur Nasry Noor, MPH, (Scopus ID: 7003593825) Faculty of Public Health, University of Hasanuddin, Indonesia

Prof. Kyungho Choi, (Scopus ID: 35217582900) Seoul National University, School of Public Health, Seoul, South Korea

Assoc. Prof. Kraichat Tantrakarnapa, Ph.D, (Scopus ID: 35220859500) Mahidol University, Department of Social and Environmental Medicine, Nakon Pathom, Thailand

### Editorial Board Members

Prof. Masayuki Sakakibara, Ph.D, (Scopus ID: 7102236258) Ehime University, Graduate School of Science and Engineering, Matsuyama, Japan

Prof. Benjamin S.C. Uzochukwu, (Scopus ID: 6603092294) University of Nigeria, Institute of Public Health, Nsukka, Nigeria

Prof. Asnawi Abdullah, Bsc.PH, MHSM, MSc. HPPF, DLSHTM, PhD, (Scopus ID: 24478702900) Faculty of Public Health, University of Muhammadiyah Aceh, Indonesia

Prof. Madya Dr. Rosediani Muhamad, M.D, MMED, PhD, (Scopus ID: 55061638100) Family Medicine Department, School of Medical Sciences Health Campus, Universiti Sains Malaysia, Malaysia

Prof. Sukri Palluturi, SKM.,M.Kes.,M.Sc.PH.,Ph.D, (Scopus ID: 57189250331) Hasanuddin University, Faculty of Public Health, Makassar, Indonesia

Komal Raj Rijal, Ph.D, (Scopus ID: 26424359300) Tribhuvan University, Central Department of Microbiology, Kathmandu, Nepal

Dr. Azlin Muhammad, (Scopus ID: 8625546000) Department of Medical Parasitology and Entomology The National University of Malaysia Faculty of Medicine, Malaysia

Riyanti Djalante, BSc, MSc, Ph.D, (Scopus ID: 54986191100) United Nation University, Institute for Environment and Human Security, Bonn, Germany

Dr. Budi Haryanto, SKM.,M.Sc, (Scopus ID: 41861500300) Universitas Indonesia, Department of Environmental Health, Depok, Indonesia

Sojib Bin Zaman, MBBS, DPH, MDS, MSc.IH, (Scopus ID: 57193070058) International Centre for Diarrhoeal Disease Research, (icddr,b), Bangladesh | Khon Kaen University, Faculty of Public Health, Khon Kaen, Thailand

Dr.PH. Tasnim SKM.,MPH, (Scopus ID: 57196117665) STIKES Mandala Waluya Kendari, Indonesia

## Table of Contents

LOW BIRTH WEIGHT IS A RISK FACTOR OF MALNUTRITION IN CHILDREN UNDER FIVE YEARS OLD IN COASTAL AREAS Juminten Saimin, Ahmad Fahmi Nugraha, Asmarani Asmarani, Ashaeryanto Ashaeryanto	PDF 25-29
HEALTH RISK ASSESSMENT OF INHALATION EXPOSURE TO SO <sub>2</sub> AND NO <sub>2</sub> AMONG TRADERS IN A TRADITIONAL MARKET Aria Gusti	PDF 30-35
EARLY WARNING OF MONKEYPOX DISEASE IN INDONESIA Ramadhan Tosepu	PDF 36-37
EPIDEMIOLOGY FORECASTING ANALYSIS OF DENGUE HAEMORRHAGIC FEVER WITH SEASONAL AUTOREGRESSIVE INTEGRATED MOVING AVERAGE IN TROPICAL AREA Siswanto Siswanto, Risva Risva, Nana Marliana	PDF 38-47
THE CORRELATION BETWEEN HOUSING SANITATION AND EXISTENCE OF VECTORS IN KENDARI SUB DISTRICTS, INDONESIA Zuing Putra Arisanto, Ramadhan Tosepu, Sitti Rabbani Karimuna, Asnia Zainuddin, Yasnani Yasnani, Nurmaladewi Nurmaladewi	PDF 48-53