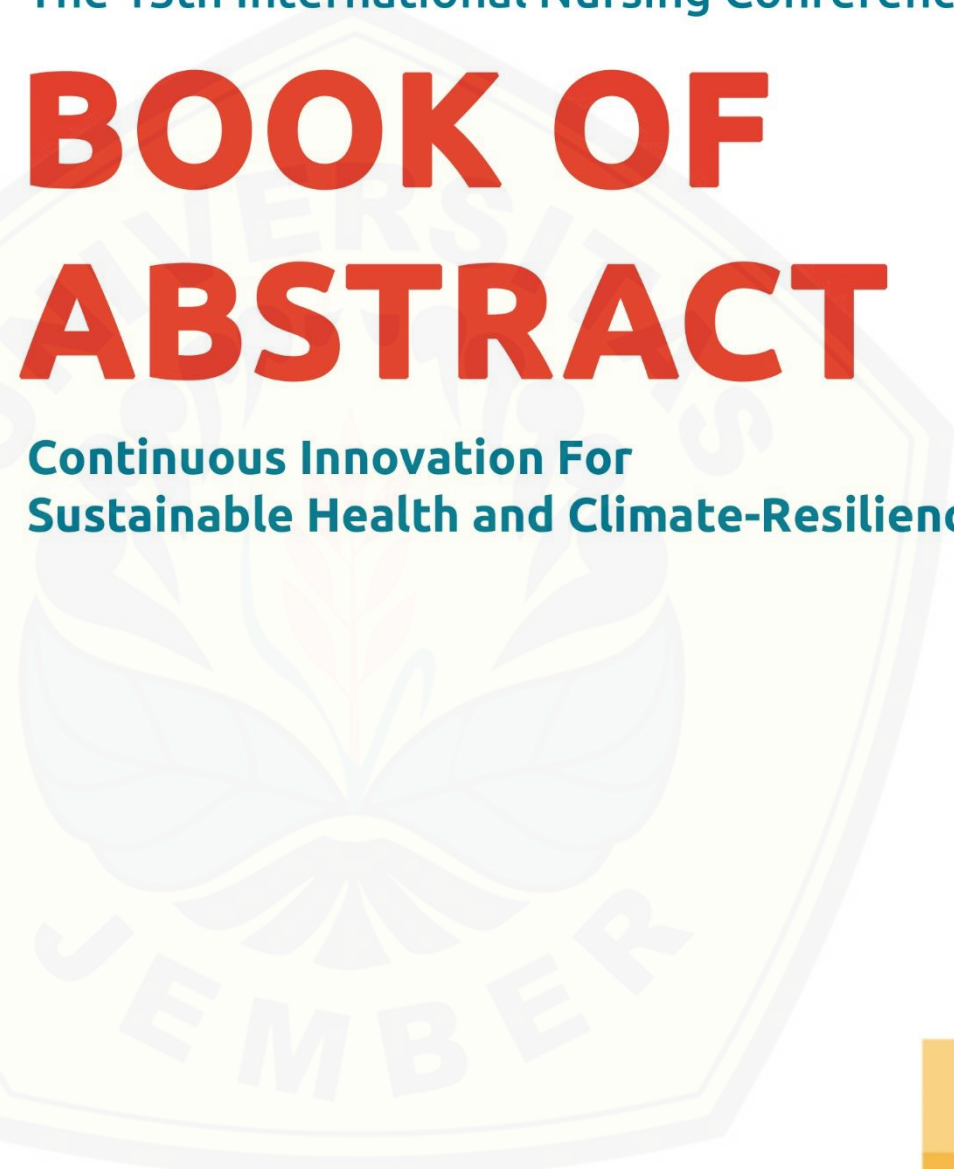


# Faculty of Nursing Universitas Airlangga

The 13th International Nursing Conference

# BOOK OF ABSTRACT

Continuous Innovation For  
Sustainable Health and Climate-Resilience



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## WELCOME MESSAGE FROM THE CONFERENCE CHAIRMAN

Assalamu'alaikum Warahmatullahi Wabarakatuh

Good morning excellencies, distinguished participants, ladies and gentlemen,

The Honourable Governor of East Java Province represented by Head of Provincial Health Office, The Honourable Rector of Universitas Airlangga represented by Vice Rector for Internationalisation, Digitalization, and Information, the Honourable Dean Faculty of Nursing, Universitas Airlangga, The Honourable Head of Indonesian National Nurses Association (INNA), The Honourable Head of Co-Host Institutions, distinguished speakers, all participants and the organizing committees.

on behalf of the Organizing Committee of the 13th International Virtual Nursing Conference: **Continuous Innovation for Sustainable Health and Climate Resilience**, it is an honour to welcome all of you.

The purpose of this conference is the ongoing effort to embrace rapid changes in our world. Be agile and continuously leverage innovative approaches in dealing with social, economic, and environmental changes. Help the population achieve sustainable health and improve climate resilience, mainly through nursing education, research, and practice.

Ladies and gentlemen,

After rigorous review, 216 abstracts were accepted for presentation. Around 300 people, including academicians, researchers, and practitioners from all four continents, participated in this two-day virtual nursing conference.

I realize that the success of this conference cannot happen without support and participation from others. Firstly, I would like to take this opportunity to say thank you to all the excellent speakers and experts from our international and national cooperation and partners. We are also proud to announce that the 13th International Virtual Nursing Conference is being conducted along with the collaboration among nine Nursing Schools in Indonesia and our international partners. They are **The University of Rhode Island USA, The University of Tokyo Japan, The Chinese University of Hong Kong, The University of Newcastle Australia, Flinders University Australia, The University of Manchester UK, and IIK STRADA Indonesia, Universitas Muhammadiyah Banjarmasin, Universitas Haji Sumatera Utara, STIKES Maluku Husada, Universitas dr. Soebandi Jember, STIKES Guna Bangsa, Health Polytechnic of the Ministry of Health Surabaya and Palu, STIKES Banyuwangi, and Universitas Sultan Agung**. Last but not least, This conference is also sponsored by **PT. Global Jaya Medika, PT. Jaya Kelana, PT. Jamoe Ibu, and Rachmie Clinic**. Thank you for your collaboration and support in this conference. Lastly, I also take this opportunity to thank all the organizing committee members for their outstanding effort in preparing and organizing this event. Once again, I warmly thank the speakers, co-hosts, committees, and sponsor who contributed to this event. Thank you for all of your generous support. We could not have done it without you!

I wish all of you have a good time and plenty of opportunity to connect, communicate, and engage with each other. You can share ideas, suggestions and innovation in addressing the global rapid challenges that discussed in the conference.

Thank you and have a great experience!

Wassalamu'alaikum Warrahmatullahi Wabarakatuh

Dr. Eka Mishbahatul Mar'ah Has, S.Kep., Ns., M.Kep.  
Chairman



## OPENING REMARK FROM THE DEAN OF THE FACULTY OF NURSING

Assalamu'alaikum Warahmatullahi Wabarakatuh

The Honorable Rector of Universitas Airlangga, The Honorable Head of Co-Host Institutions, The Honorable Chief of the Indonesian National Nurses Association (INNA), The Honorable Chief of Association of Indonesian Nurse Education Center (AINEC), Distinguished Speakers, and All Participants.

First of all, I would like to praise and thank Allah SWT for the blessing and for giving us the grace to be here in a good health and can hold this conference together.

Secondly, it is a great privilege and honor for us to welcome all of you. Thanks for your participation and support for the 13<sup>th</sup> International Nursing Conference 2021, **“Continuous Innovation for Sustainable Health and Climate Resilience”**. This year is the thirteenth consecutive year we have consistently held the conference involving reputable nursing education institutions from Indonesia and across the world. People said that thirteen is an unlucky number. But, we believe that this 13th international nursing conference will bring a lot of blessings to us. Also, we feel honored to host prominent nursing academics and researchers to present their ideas here at this conference.

The INC topics presented in this conference cover innovations in nursing education, community nursing, clinical nursing, management and leadership, research practice, as well as innovations for the COVID-19 challenge. The conference also covers discussion on nursing disaster management, non-communicable diseases, mental health and wellbeing, maternal and child health, tropical diseases, health law and policies, climate change, health-related issues, and sustainable development goals.

It has been more than two years since we live in the COVID-19 pandemic that we hope will end soon. To welcome the new era, nurses need to be active in advocating sustainable health and climate resilience for the better future. As the largest health workforce, nurses have pivotal roles in making changes with innovative strategies and actions. Nurses should realize that, with togetherness and collaborations, they are not only able to treat patients individually but also address problems in the society and environment. That is the spirit that we want to bring in this conference with our main theme, **“Continuous Innovation for Sustainable Health and Climate Resilience”**.

Faculty of Nursing Universitas Airlangga got accreditation A (Excellent) for the Bachelor's and Master's Degree. We also already got accreditation from two prestigious international accreditations, the ASEAN University Network (AUN) and Accreditation Agency for Study Programmes in Engineering, Informatics, Natural Sciences, and Mathematics (ASIIN). Most of our lecturers regularly published their articles in Scopus-indexed journals, and we have many lecturers with doctoral qualifications. This February, one of our journals, *Jurnal Ners*, has been indexed by SCOPUS.

In supporting the vision of Universitas Airlangga to become a world-class university and enter the top World University Ranking, the Faculty of Nursing is determined to improve its performance in many aspects, including academic reputation, employer reputation, publication, and faculty standard ratio, as well as international students and exchange. International Nursing Conference is one of the few strategies that have been implemented by the Faculty of Nursing to improve our performance in scientific publication and strengthen national and international collaborations.

Finally, on behalf of the Faculty of Nursing, we would like to thank all speakers, participants, and sponsors that helped the success of this event. We hope this conference having good contribution in increasing the quality of research and nursing scholarships. Thanks to the organizing and scientific committee of the INC 2022, who have worked very hard to organize the conference. We thank our participants to present their research, to share extensively and exchange of ideas thoughts and discussions so that this conference facilitates the formation of networks among participants. Please enjoy the international conference. I hope, we all have a wonderful time at this virtual conference. And let's hope the next year, we can meet in person in Surabaya, and enjoy the city of heroes. Thank you.

Wassalamualaikum Warahmatullahi Wabarakatuh

Prof. Dr. Ah. Yusuf., S.Kp. M.Kes.  
Dean, Faculty of Nursing Universitas Airlangga



# **CLIMATE CHANGE AND HEALTH RELATED ISSUES**



## A SITUATIONAL ANALYSIS OF STUNTING AND MATERNAL HEALTH IN THE RURAL AREA OF LUMAJANG OF INDONESIA

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### ABSTRACT

**Introduction:** Stunting still become a problem in Indonesia. Need a comprehensive knowledge of the stunting prevalence and maternal health based on area. **Aim:** This study aimed to examine the stunting prevalence and maternal health elements in Lumajang based on district area in Lumajang.

**Methods:** This was a descriptive situational analysis. Data were collected for the calendar year 2021 and focused on the stunting prevalence and maternal health. Framework was used is WHO conceptual framework on childhood stunting. We outlined the finding based on available data across the domain of children and maternal health.

**Results:** In domain children, we found that each district had stunting case with various percentage. The district with the most stunting case is Klakah (10%). In domain maternal health there was still mother with chronic energy deficiency (10,9%). In domain family the family participation in family with children development program was still low.

**Conclusions:** This study found that stunting prevalence was exist in all of district area in Lumajang. The district with the most stunting case is Klakah. There was significant finding related to mother with chronic energy deficiency, child caregivers, society and culture (beliefs in the myth). It would be important to expand research in the program effectiveness to stunting.

**Keyword:** Situational analysis; Stunting; Rural area; Children