

ISoHET 2026
Surakarta, Indonesia

Seminar Nasional 2026, ISOHET



Seminar Nasional 2026, ISOHET



**INTERNATIONAL SEMINAR ON HEALTH
ENTREPRENEURSHIP AND TECHNOLOGY**
ISoHET 2026

**Environmental Adaptation Strategies to Build Public Health
Resilience Amidst Global Climate Change**



27 JUNI 2026

Surakarta, Indonesia
FACULTY OF HEALTH SCIENCES
UNIVERSITAS DUTA BANGSA SURAKARTA

Organizer :



<https://bit.ly/isoHet-udb>



isoHet@fikes.udb.ac.id

PREFACE

Praise be to Allah SWT for His blessings, mercy, and guidance, which have enabled us to complete the proceedings of the 3rd International Seminar on Health Entrepreneurship and Technology (ISOHET) 2026. Peace and blessings be upon the Prophet Muhammad SAW.

The 3rd International Seminar on Health Entrepreneurship and Technology (ISOHET) 2026 is one of the series of events organized by the Faculty of Health Sciences, Universitas Duta Bangsa Surakarta. This seminar and call for paper are held as part of the university's commitment to academic development, scientific dissemination, and the publication of research findings. The theme of this year's event is "**Environmental Adaptation Strategies to Build Public Health Resilience Amidst Global Climate Change.**" The papers included in this proceedings volume were presented at the Call for Paper session on **27 June 2026**, which was conducted online through Zoom Meeting.

The successful implementation of ISOHET 2026 was made possible through the support and contribution of many parties. On this occasion, we would like to express our sincere gratitude to:

1. **The Rector of Universitas Duta Bangsa Surakarta** for granting permission and support so that this event could be held smoothly and orderly.
2. **The Vice Rector I for Academic Affairs, Student Affairs, and Cooperation** for the support given in the organization of this seminar.
3. **The internal and external reviewers** for their careful evaluation of the submitted articles.
4. **The Dean of the Faculty of Health Sciences, Universitas Duta Bangsa Surakarta** for the guidance and direction given throughout the organization of this seminar.
5. **All committee members** who have worked tirelessly to ensure the successful implementation of ISOHET 2026.
6. **All participants and presenters** who have taken part in this event and contributed to its academic success.

We hope that these proceedings will be useful and provide up-to-date insights and references in the fields of health entrepreneurship and technology, as well as contribute to the advancement of public health knowledge and scientific development.

Finally, we sincerely apologize for any shortcomings in our services, facilities, or infrastructure during the organization of this event.

Surakarta, 27 June 2026

Committee

KEYNOTE SPEAKERS

Edza Aria Wikurendra, Ph.D.

Departement of Health Science, Faculty of Humanities and Health Sciences, Curtin University Malaysia.

Upasona Ghosh, MPhil, PhD.

Public Health Foundation of India (PHFI), University of Public Health Sciences, India.

Nuha Amer Al- Aghbari, BMLSc, MPH., PhD.

University of Science and Technology, Yemen.

Ns. Irba Tartila Amtiyaz S.Kep., M.N.Sc.

Nursing Department, Faculty of Health Science, Universitas Duta Bangsa Surakarta Indonesia.

EDITORIAL BOARD

Tominanti, S.Kom., M.Cs.

Warsi Maryati, S.KM., M.Kes. MPH.

Darah Ifalahma, S.ST., M.Kes.

Adzka Fahma Rodliya, S.Tr.Keb., M.Keb.

Apt. Niken Luthfiyanti, S. Farm., M.Farm.

REVIEWER

1. **Prof. Joshua Reginald Francis**, Menzies School of Health Research Darwin, Australia (Scopus ID: [59563910100](#))
2. **Dr. Azizah Mat Hussin**, Malaysia Institute of Chemical & Bioengineering Technology, Universiti Kuala Lumpur, Malaysia (Scopus ID: [57103013100](#))
3. **Roderick Manzo Napulan, CHA, FPSQua, MHA, CESO III**, Health Policy Development and Planning Bureau, Department of Health Manila, Philippines Medicine and University Medical Center, West Visayas State University, Iloilo City, Philippines (Scopus ID: [57193953689](#))
4. **Dr. Angelina da Costa Fernandes**, Instituto Superior Cristal Dili, Timor Leste (Scopus ID: [57204641091](#))
5. **Dr. Levi Anatolia Soares Maia Exposto, Lic.SP., M.Kes**, Universidade da Paz (UNPAZ) Dili, Timor-Leste (Scopus ID: [59257915100](#))
6. **Dr. Domingos Soares**, Instituto Superior Cristal Dili, Timor-Leste, (Scopus ID : [57434714200](#))

7. **Dr. Esti Nugraheny, S.Si.T. M. Kes**, Badan Riset dan Inovasi Nasional, Indonesia (Scopus ID: [57222265436](#)) (SINTA ID: [6938143](#))
8. **Dr. Bdn. Widya Maya Ningrum, S.ST., M.Kes., M.Tr.Keb**, Pendidikan Profesi Bidan Universitas Galuh Ciamis, Indonesia (Scopus ID: [57193951363](#)) (SINTA ID: [6646869](#))
9. **Prof. Andari Wuri Astuti, S.SiT., MPH., PhD**, Universitas Aisyiyah Yogyakarta, Indonesia (Scopus ID: [57211968612](#)) (SINTA ID: [6106895](#))
10. **Dr. Yanti, S.ST., M. Keb, STIKes Estu Utomo Boyolali**, Indonesia, Kolegium Kebidanan Indonesia (Scopus ID: [57980394400](#)) (SINTA ID: [6173882](#))
11. **Dr. Ari Indra Susanti, SST, M.Keb.**, Universitas Padjadjaran Bandung, Indonesia (Scopus ID: [57511325300](#)) (SINTA ID: [6093374](#))
12. **Dr. Puspa Sari, SST., M.Keb**, Universitas Padjadjaran Bandung, Indonesia (Scopus ID: [57452474900](#)) (SINTA ID: [6123422](#))
13. **Dr. Revi Gama Hatta Novika, S.ST., M.Kes**, Universitas Sebelas Maret Surakarta, Indonesia (Scopus ID: [57211336085](#)) (SINTA ID: [6733280](#))
14. **Dr. Wiwin Lismidiati, S.Kep., Ns., M.Kep., Sp.Kep.Mat.**, Universitas Gadjah Mada Yogyakarta, Indonesia (Scopus ID: [57211495022](#)) (SINTA ID: [6063004](#))
15. **Dr. Rizka Ayu Setyani, SST., MPH**, Universitas Sebelas Maret Surakarta, Indonesia (Scopus ID: [57205325468](#)) (SINTA ID: [6103670](#))
16. **Dr. dr. Ratih Puspita Febrinasari, M.Sc.** Universitas Sebelas Maret Surakarta, Indonesia (Sinta ID : [6663710](#)) (Scopus ID : [57361762100](#))
17. **Dr. dr. Burhannudin Ichsan, M.Med.Ed., M.Kes.** Universitas Muhammadiyah Surakarta, Indonesia (Sinta ID : [6021021](#)) (Scopus ID : [57237059100](#))
18. **Dr. Haryoto, M.Sc.** Universitas Muhammadiyah Surakarta, Indonesia (Sinta ID : [6001915](#)) (Scopus ID : [56678590100](#))
19. **Prof. Dr. rer. nat. apt. Nanang Fakhruddin, M.Si.** Universitas Gadjah Mada Yogyakarta, Indonesia (Sinta ID : [43356](#)) (Scopus ID : [36007191300](#))
20. **Prof. Dr. Herlina Rante, M.Si., Apt.** Universitas Hasanuddin, Indonesia (Sinta ID : [6018876](#)) (Scopus ID : [57191882707](#))
21. **Prof. Dr. Sartini, M.Si., Apt.** Universitas Hasanuddin, Indonesia (Sinta ID : [5977575](#)) (Scopus ID : [56043752300](#))
22. **apt. Zakky Choliso, M.Clin.Pharm., Ph.D.**, Fakultas Farmasi, Universitas Muhammadiyah Surakarta, Indonesia (Sinta ID : [6123443](#)) (Scopus ID : [56610324000](#))
23. **Dr. apt. Kintoko, M.Sc.** Universitas Ahmad Dahlan Yogyakarta, Indonesia (Sinta ID : [6031860](#)) (Scopus ID : [55440497100](#))
24. **Dr. apt. Fita Rahmawati, Sp.FRS.** Universitas Gadjah Mada Yogyakarta, Indonesia (Sinta ID : [5976348](#)) (Scopus ID : [36114710900](#))
25. **Arum Pratiwi, S.Kp., M.Kep., Ph.D**, Universitas Muhammadiyah Surakarta, (Sinta ID : [6012522](#)) (Scopus ID : [59942567000](#))
26. **Supratman, S.KM., M.Kes., Ph.D**, Universitas Muhammadiyah Surakarta, (Sinta ID : [3730](#)) (Scopus ID : [57191666396](#))
27. **Sri Hartini, S.Kep., Ns., M.Kes., PhD**, Universitas Gajah Mada, (Sinta ID : [5973904](#)) (Scopus ID : [57194001710](#))
28. **Purwo Setiyo Nugroho, S.K.M., M.Epid., Ph.D**, Universitas Muhammadiyah Kalimantan Timur, (Sinta ID : [6675344](#)) (Scopus ID : [57214823118](#))
29. **Dr. Anafrin Yugistyowati, Ns., M.Kep., Sp.Kep.An**, Universitas Alma Ata, (Sinta ID : [6008150](#)) (Scopus ID : [57194563132](#))
30. **Dr. Riska Hediya Putri, S.Kep., Ners., M.Kep**, Universitas Aisyah Pringsewu, (Sinta ID : [6042215](#)) (Scopus ID : [57220641146](#))

31. **Prof. Dr. Dessy Hermawan, Ns, M.Kes,** Universitas Malahayati, (Sinta ID : [6078530](#)) (Scopus ID : [57221737554](#))
32. **Dr.Saifudin Zuhri, S.Kp.,M.Kes,** Universitas Muhammadiyah Klaten, (Sinta ID : [6111620](#)) (Scopus ID : [57216647326](#))
33. **Dr. Syamsul Anwar, SKM., M.Kep., Sp.Kep.Kom,** Universitas Muhammadiyah Jakarta, (Sinta ID : [6696684](#)) (Scopus ID : [57216415705](#))
34. **Dr. Uswatul Khasanah, M.Kep., Sp.Kep.Kom,** Universitas Muhammadiyah Jakarta, (Sinta ID : [6696738](#)) (Scopus ID : [58071841200](#))
35. **Maryadi, S.Kep., Ns., M.Kep,** Universitas Negeri Gorontalo, (Sinta ID : [6907863](#)) (Scopus ID : [59935386100](#))
36. **I Made Moh. Yanuar Saifudin,** Universitas Tanjungpura, Pontianak, (Sinta ID : [6923588](#)) (Scopus ID : [57772972600](#))
37. **Ns. Wawan Febri Ramdani, S. Kep., M. Kep,** Universitas Aisyiyah, Yogyakarta, (Sinta ID : [6840329](#)) (Scopus ID : [58541796900](#))
38. **Ns. I Made Cahyadi Agastiya, S.Kep., M.Kep,** Universitas Udayana, (Sinta ID : [6989185](#)) (Scopus ID : [57666411900](#))
39. **Yohanes Andy Rias, M.Kep., Sp.Kep.MB., PhD,** Institut Ilmu Kesehatan Bhakti Wiyata Kediri, (Sinta ID : [258877](#)) (Scopus ID : [57216758305](#))
40. **Ns. Happy Indri Hapsari, M.Kep., Ph.D,** Universitas Kusuma Husada Surakarta, (Sinta ID: [6191663](#)), (Scopus ID: [58115256900](#))
41. **Dr. Ns. Livana PH, M.Kep., Sp.Kep.KJ,** Sekolah Tinggi Ilmu Kesehatan Kendal, (Sinta ID : [5983298](#)), (Scopus ID : [57216412428](#))
42. **Aris Santjaka,** SINTA ID: [5983973](#), SCOPUS ID: [58145293900](#), Politeknik Kesehatan Semarang, Indonesia
43. **Ida Untari,** SINTA ID: [6148133](#), SCOPUS ID: [57211488025](#), Institut Teknologi Sains dan Kesehatan PKU Muhammadiyah Surakarta, Indonesia
44. **Ida Sugiarti,** SINTA ID: [5992351](#), SCOPUS ID: [57958975300](#), Politeknik Kesehatan Kementerian Kesehatan Tasikmalaya
45. **Warsi Maryati,** SINTA ID: [6108472](#), SCOPUS ID: [57222632080](#), Universitas Duta Bangsa Surakarta, Indonesia
46. **Sri Widodo,** SINTA ID: [6110405](#), SCOPUS ID: [56263358900](#), Universitas Duta Bangsa Surakarta, Indonesia

COMMITTEE

Committee Chair

Warsi Maryati, S.KM., MPH

Coordinator

Ns. Marni, S.Kep., M.Kes

Chair of the Committee

Nurhayati, S.Kom., M.Kom

Vice Chair

Darah Ifalahma, S.ST., M.Kes

Secretary

Event Division and Moderator

Hesty Latifa Noor, S.KM., M.A.R.S

Equipment and Certificates Division

Iwan Widiatmoko, Amd

IT Division

Micco Wellyam, S.Kom

OJS Division

Yuniar Chintya Mellanie, S.Tr. RMIK

Public Relations and Registration

Rovica Probowati, S.Kep., Ns., M.Kep

Sri Wahyuningsih Nugraheni, S.KM., M.Kes

Treasurer

Lilik Anggar Sri Rahayuningsih, S.KM., M.K.M

Mona Fitriana, Amd, Farm

Alvionita Eka Saputri, A. Md. RMIK

Layout Division

Adzka Fahma Rodliya, S.Tr.Keb., M.Keb

apt. Niken Luthfiyanti, S.Farm., M.Farm

Study Program Coordinators

Yeni Tri Utami, S.KM., MPH

Bdn. Fitriana Yuni Permata S., S.Tr.Keb., M.Keb

Ns. Endrat Kartiko Utomo, S.Kep., M.Kep.,

Sp.Kep.MB

apt. Tatiana Siska Wardani, S.Farm., M.Farm

Siti Farida, S.SiT., M.Kes

Fredericus Pramonodjati, S.TP., M.Kes

Ns. Adi Buyu Prakoso, S.Kep., M.Kep.,

Sp.Kep.K

Hesty Latifa Noor, S.KM., M.A.R.S

TABLE OF CONTENT

No	Author	Title	Page
1	Ikrima Rahmasari	<i>Implementation of A Protocol Based Care Bundle Model In The Prevention of Ventilator Associated Pneumonia (VAP) In The Intensive Care Unit</i>	1-9
	Dwi Lestari Mukti Palupi		
	Florentina Merdiana Setyaningrum		
	Masyita Mamot		
2	Witriyani	<i>Family Support and the Risk of Diabetic Ulcer Development in Individuals with Diabetes Mellitus</i>	10-17
	Anita Wahyu Nur Safitri		
	Angelina Fernandes		
3	Muzaroah Ermawati Ulkhasanah	<i>Foot Exercise on Foot Sensitivity in Diabetic Peripheral Neuropathy: A Systematic Review</i>	18-23
	Hani Risnawati		
	Mustain		
	Natalino Vasco da Silva		
4	Hani Risnawati	<i>Literatur Review: Family-Based Nutrition Intervention Strategies for Improving Children's Nutritional Status</i>	24-34
	Muzaroah Ermawati Ulkhasanah Muzaroah		
	Winda Ayu Marsti		
	Azizah Mat Hussin		
5	Tatiana Siska Wardani	<i>Antibacterial Activity of SNEDDS-Based Parijoto Fruit Extract (Medinilla speciosa Blume) Against Staphylococcus aureus ATCC 25953</i>	35-47
	Siwi Hastuti		
	Susanti Erikania		
	Angelina Fernandes		
6	Anik Sulistiyanti	<i>Effectiveness of Combined Progressive Muscle Relaxation and Turmeric-Tamarind Herbal Drink in Reducing Primary Dysmenorrhea Among Adolescent Girls</i>	48-57
	Ana Yuliana		
	Nurfa Diah Pratiwi		
	Azizah Mat Hussin		
7	Nataly Ayu Utami	<i>Correlation Between RPR And O Agglutinin Titers In Typhoid Fever</i>	58-63
	Anggraeni Sih Prabandari		
	F. Pramonodjati		
8	Tina Shinta Parulian	<i>The Impact of Working Mothers on Children's Nutritional Status and Immunization</i>	64-73
	Euis Wuryanti		
9	Fatonah	<i>Analysis Of Essential Oil Compound Content of Lemongrass (Cymbopogon Nardus L. Rendle) And Lavender (Lavandula Angustifolia) Using The Gc- Ms Method</i>	74-80
	Bangkit Riska Permata		
	Anna Fitriawati		
10	Chindy Dwita Ningrum	<i>Analysis Of Essential Oil Compound Content Of Fennel Seeds (Foeniculum Vulgare Mill.) And</i>	81-88
	Bangkit Riska Permata		

	Anna Fitriawati	<i>Lavender (Lavandula Angustifolia) Using The Gs- Ms Method</i>	
--	-----------------	--	--