

Heat on Human Health Symposium 2024
Extreme Heat: Beyond Morbidity and Mortality

| 28-Nov-24 | TOPICS | PRESENTER |
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| 0800-0830 | Registration | |
| 0830-0900 | Welcome and Opening remarks: The Importance of Heat and Human Health | Royal Thai Army (RTA) Medical Department |
| 0900-1000 | Extreme Heat and Health: Current Challenges and Solutions | Dr. Teeranee Techasrivichien (National Professional Officer (Public Health) World Health Organization Country Office for Thailand) |
| 1000-1030 | Break | |
| 1030-1130 | Updating Research and Collaboration in Heat | Dr. Jason Kai Wei Lee (Research Associate Professor, Young Loo Lin School of Medicine, National University of Singapore) |
| 1130-1200 | Economic Impacts of Climate Change | Dr. Wenjia Cai (Tenured professor, Department of Earth System Science, Tsinghua University) |
| 1200-1300 | Lunch Break | |
| 1300-1330 | Heat injuries: Public Communication Pitfalls | Dr. Oubonpun Werajong (Occupational Medicine Physician, Department of Disease Control, Ministry of Public Health, Thailand) |
| 1330-1400 | Heat Gene Resistant | Dr. Sissades Tongsim (Director of National BioBank of Thailand, BIOTEC, NSTDA) |
| 1400-1430 | Break | |

Theme: Innovation for Heat Management

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| 1430-1600 | Panel: Updating Innovation for Heat Management | <p>Moderator: Dr. Sarayoot Eaimkhong (Innovation Manager, National Science and Technology Development Agency)</p> <p>Dr. Kunanya Masodsai (Assistant Dean of Research and Academic Services and lecturer in Exercise Physiology, Faculty of Sports Science, Chulalongkorn University)</p> <p>Dr. Apinunt Thanachayanont (Chief Research officer)</p> <p>Dr. Chonlarnatt Poonchattakarn First Prize - The Health & Innovation Hackathon: Heat-Related Injury (CEO at Dong Sung Ki Innovation Co.,Ltd)</p> <p>Dr. Juthamard Surapongchai (Lecturer, Faculty of Physical Therapy, Mahidol University)</p> |
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| 0830-0900 | Registration | |
| 0900-0930 | Climate Change and Its Impact on Agriculture | Dr. Sutkhet Nakasathien (Vice President for Research and Creation, Kasetsart University) |
| 0930-1000 | Climate Change and Health Sector Adaptation | Mr. Pavich Kesavawong (Deputy Director General of Climate Change and Environment Department, Ministry of Natural Resources and Environment) |
| 1000-1015 | Development of a Non-invasive Physiological Strain Index to Predict Heat Strain in Hot Environment | Dr. Dahee Jung (Assistant in research institute of Human Ecology, Seoul National University) |
| 1015-1030 | Break | |
| Theme: Classic Heat Injury | | |
| 1030-1100 | Extreme Heat and Its Social Impacts | Dr. Sanjay Srivastava (Chief of Disaster Risk Reduction at UN Economic and Social Commission for Asia and the Pacific (ESCAP)) |
| 1100-1130 | Heat and Geriatrics | Dr. Narittaya Varothai (Geriatrician and Nephrologist, Phramongkutklo Hospital and College of Medicine, Thailand) |
| 1130-1200 | Heat vs. Cardiovascular Diseases | Dr. Teerapat Yingchoncharoen (Cardiologist, Faculty of Medicine Ramathibodi Hospital, Mahidol University) |
| 1200-1300 | Lunch Break | |
| Theme: Exertional Heat Injury | | |
| 1300-1345 | Panel: Heat-Related Illnesses Among Athletes | Moderator: Dr. Chanasak Hathaiareerug (Physiatrist, Phramongkutklo Hospital and College of Medicine, Thailand) Dr. Chedsada Charuphongs (Sports medicine physician at Sports Authority of Thailand) Dr. Yuthana Udomphorn (Dean, College of Sports Science and Technology, Mahidol University) Dr. Chaipat Lawsirirat (Dean of Faculty of Sport Science, Chulalongkorn University) |
| 1345-1430 | Panel: Heat-Related Illnesses Among Military Personnel | Moderator&Speaker: Dr. Kanlaya Jongcherdchootrakul (Chief of Microbiology section, Research division, Armed Forces Research Institute of Medical Sciences) Dr. Hitoshi Minakuchi (Associate Professor of Transfusion and Blood purification Department at National Defense College of Medicine: Saitama, Japan) Dr. NICCA MARIE B BASILIO MC (Forces of the Philippines) |
| 1430-1450 | Urban Heat | Dr. Sandy Kumar (Urban Climate Change Expert, United Nations Human Settlements Programme, Thailand) |
| 1450-1510 | Heat and Health Resilience: Bringing Science, Policy, and Practice Together | Dr. Aslam Perwaiz (Deputy Executive Director of the Asian Disaster Preparedness Center) |
| 1510-1530 | The circular relationship between climate change and kidney disease | Dr. Sarin KC (Head, Environmental Economics Unit, HITAP) |
| 1530-1540 | Wrap Up and Closing Ceremony | |