



Transdisciplinary approach to health and well-being

Panel Discussion 1

Theme: Building students' understanding of health (e.g., Dengue) in the context of climate change. Critical reflections from different perspectives and experiences

Dear Panel Members,

We are very grateful that you have accepted our invitation to participate in this panel discussion, and we look forward to the interaction with our students.

As outlined in the attached Course Description, we aim to engage our students in critical reflections to unpack complex health and social issues, using Dengue as a case study. The course aims to help students realize the importance of transdisciplinary and multi-sectoral collaborations toward more equitable and sustainable solutions contributing to the SDGs, particularly SDG 3.

Although we use Dengue as a case study, our panel discussions – of which there are three in this course – aim to include experts from different disciplinary fields relevant to realizing integrated and holistic responses. This is a practical way to expose our students to a transdisciplinary perspective, as the panels will contribute insights from diverse fields of knowledge, and practices that our students can critically assess and apply.

From this standpoint, we would like to clarify that we do not aim to burden the panel speakers with the responsibility of lecturing on transdisciplinary and multisectoral approaches. Our course will be offered over ten days during the last two weeks in May 2024. Before the course starts, students will receive an orientation on transdisciplinary approaches to health during a pre-program workshop. This topic will also be discussed with the students throughout the course.

The course will also include discussions on topics such as:

- Social determinants of health and sustainable development
- Fundamentals about Dengue
- Climate change and health
- Examples of different types of Dengue prevention and control interventions
- Inclusive and transformative approaches to health and well-being, and relevance to SDG3
- Gender, social inclusion, equity and health
- Data and information for designing socially inclusive and transformative interventions



However, during the panels and the Q&A sessions with the students afterward, we would appreciate it if the speakers could share any insights they may have on transdisciplinary and multi-sectoral work, particularly in the context of addressing health issues (such as Dengue) in the context of climate change.

Panel Discussion 1 Process

The panel will be introduced and moderated by one of the course instructors. For this purpose, we kindly request that each speaker provide a brief bio to the moderator before the panel date.

Each panel speaker will have approximately 15 minutes for presentation. We kindly request each speaker **to address the theme of this first panel** by sharing their learning and critical reflections emerging from their experiences working in Dengue-related interventions and/or with communities affected by the problem. Once all the panel speakers conclude their presentations, there will be a Q&A session with the students of approximately 30 minutes.

Please keep in mind that this panel takes place at the start of the course (on Day 2) and many of our students have a variety of disciplinary and professional backgrounds. They may have limited knowledge about Dengue, and/or climate change and environmental issues, and/or stakeholders' engagement. This panel will contribute to strengthening the initial orientation to these issues, which will be further explored during the course. This is why we would like to suggest the following ideas for consideration by each speaker:

Schedule on 21 May (Tue.) at Room 301, Vachiranusorn Bld. Faculty of Agriculture, KU

Time	Topic	Speaker
08:30-09:00	Registration	Students
09:05-09:10	Brief orientation	Aj. Fabio
09:10-09:15	Guest introduction	Aj. Chris
09:15-09:30	Medical Entomological aspects: Dengue vectors in human community	Prof. Theeraphap Chareonviriyaphap
09:30-09:45	Biological and ecological aspects in Dengue cases and environments	Prof. Bruce Wilcox
09:45-10:00	Clinical aspects in Dengue infections	Prof. Siripen Kalayanarooj
10:00-10:15	Actual responses on Dengue infections in community	Dr. Myo Zin Oo
10:15-10:45	Panel discussion and Q&A	Aj. Joyee
10:45-10:55	Closing remarks	Aj. Joyee
10:55-11:00	Group photo	Aj. Chris
11:00-11:15	Farewell panels and short break	Aj. Chris
11:15-12:00	Student group discussion	Aj. Fabio, Aj. Joyee, and Aj. Chris

Speaker 1 (Medical Entomologist, Prof. Theeraphap Chareonviriyaphap, Kasetsart University):

- A brief explanation of what Dengue is, how it is transmitted, current epidemiological data, key components of current Dengue prevention and control practices to control Dengue, and key lessons that have emerged from past and current strategies/interventions for example in vector control and community engagement; and highlighting what is being learned about Dengue and climate change and how this is affecting approaches and strategies, as well as any key reflections that the speaker feels are relevant to the theme of this panel in the context of the Course Description.

Speaker 2 (Biologist/Ecologist, Prof. Bruce Wilcox, RECUE):

- Information/data about the environmental dimensions/impacts on health, what learning is emerging about eco-systems in the era of climate change that should be considered to inform responses to health issues, as well as any key reflections that the speaker feels are relevant to the theme of this panel in the context of the Course Description.

Speaker 3 (MD, Prof. Siripen Kalayanarooj, Dengue Center of Excellence, QSNICH)

- Information/data on how health services respond to Dengue, lessons learned such as access to prevention and treatment for different population groups (for example, children, older people, migrants), as well as any additional reflections that the speaker feels are relevant to the theme of this panel in the context of the Course Description.

Speaker 4 (MD, Dr. Myo Zin Oo, Chiang Mai University)

- Why it is important to ensure that communities, and especially those already socially marginalized, are included as stakeholders in Dengue prevention and control interventions? Impacts on communities and the effectiveness of interventions if this does not happen; as well as any key reflections that the speaker feels are relevant to the theme of this panel in the context of the Course Description.

Please note: We realize that by the end of this course, students will not become experts in designing Dengue prevention and control interventions. This is not the purpose of this course. **This course aims to enable students to explore the importance of trans-disciplinarity in addressing complex public health issues, the use of diverse types of information, as well as inclusive, transformative approaches to create sustainable and equitable solutions for “Good health and well-being” and contribute to realizing “SDG3”.**

Yours sincerely,



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