



“*Long*: Where the Rivers Meet”

Co-becoming in the Pluriverse (Seminar 1)

Tuesday 20 October, 10:00 - 12:00

[Zoom](#)

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Garen Jengan

Community Elder, from Long Lamai,
Sarawak Malaysia

Video message



Franklin George

US

Garen Jengan



How will indigenous wisdom transform my technology design endeavor?

Can technology help in bridging the generational knowledge gap in my community?



Tariq Zaman

Ezra Uda

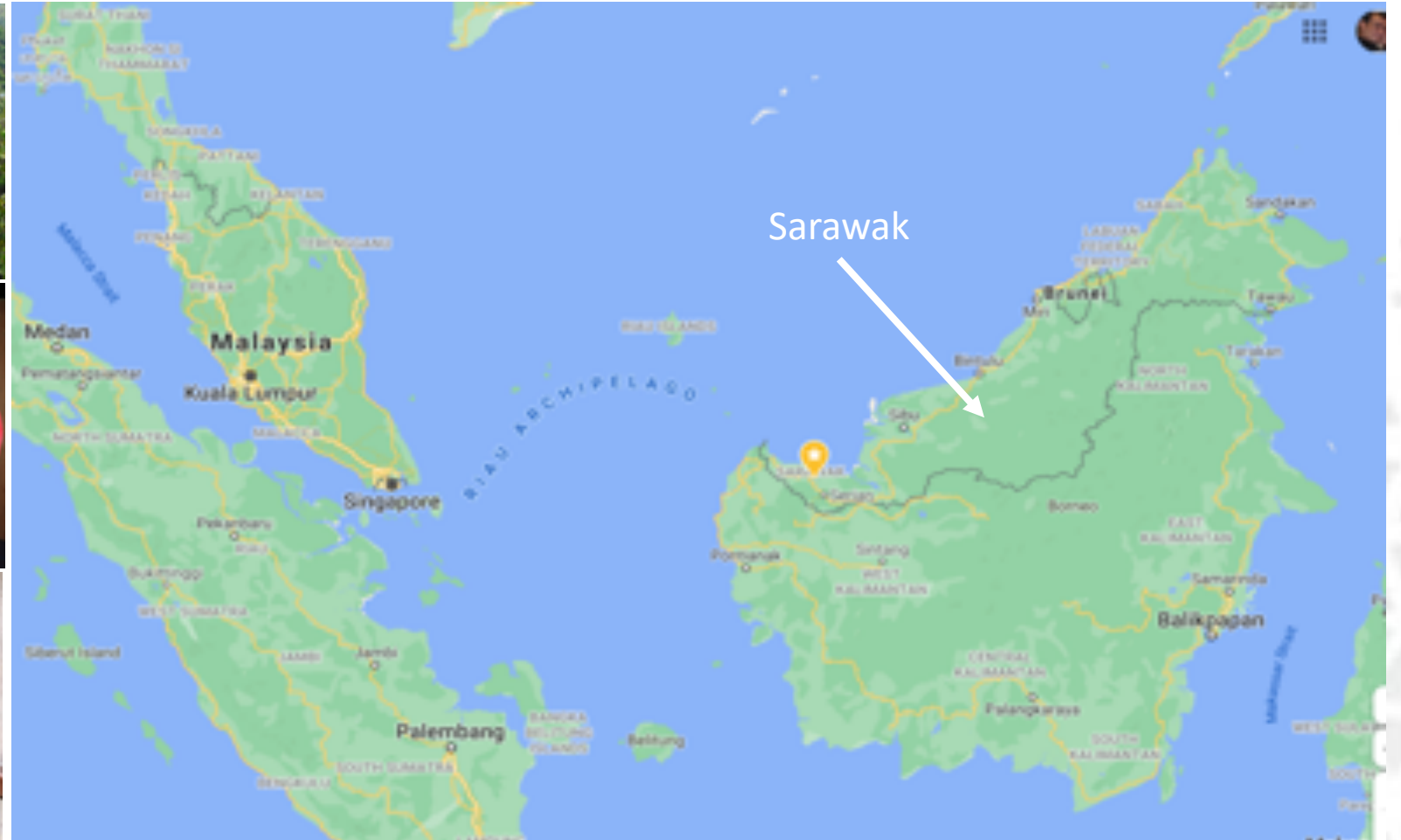




Structure of the Session

- Introduction of Penans and Long Lamai Community
- Penan's Indigenous ways of Learning, Toro and Oroo' Language
- Lessons for us

Sarawak at Malaysian Borneo



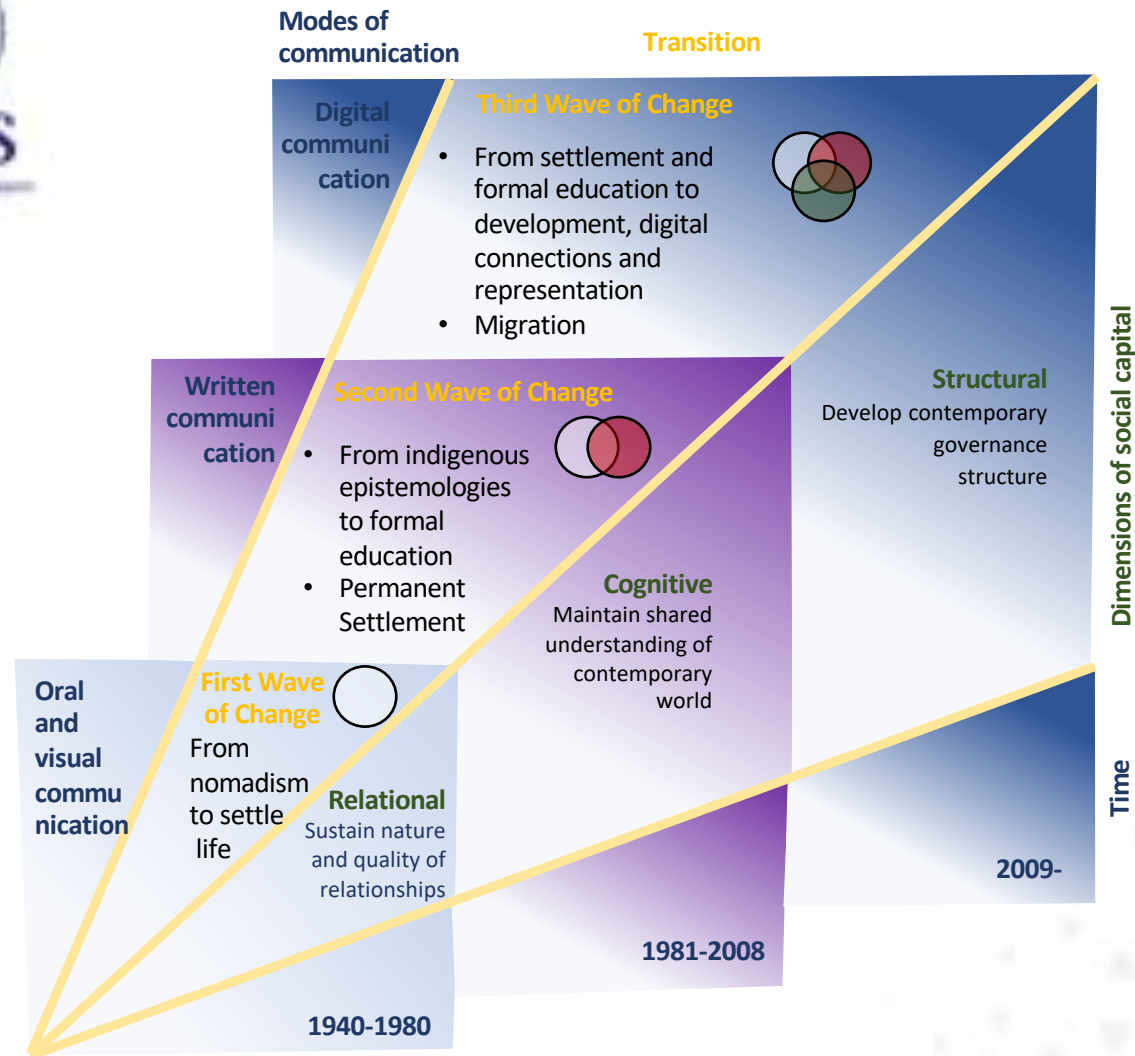
Penan and Long Lamai Community

- 20,000 (app.) Penan, according to survey in 2020
- Brunei and Malaysian Borneo
- Hunter gatherers, semi-nomadic and egalitarian
- Mainly in Baram area
- Eastern Penan and Western Penan
- 117 household and around 600+ population
- Upper Baram, on Balong river
- Limited facilities, school, church but no road access and clinic
- Settled in 1950's
- Still dependent on the forest



Journey to Long Lamai

Video



Uda (70 years old), a community elder and assistant village headman said, "In *nomadic life* we were like *fish* and the *forest* was our river. We were expert of forest life but after settlement many *new challenges emerged* and *education, computers and tourism* are the opportunities which help us to *communicate* with *outside* world and outsiders, so if we have any problem we can contact our well-wishers and ask their advice"

Falak, S., Chiun, L. M., & Wee, A. Y. (2016). Sustainable rural tourism: An indigenous community perspective on positioning rural tourism. *Turizam: međunarodni znanstveno-stručni časopis*, 64(3), 311-327.

Toro: The Penan Way of Learning





Oroo': the Sign Language of Forest

BBC Video



Oroo' Digitization Project

Video



Lessons for us

- Values and Knowledge: Ezra Uda
- Unlearning and Relearning: Franklin Geroge
- Cultural Engagement Approaches and Community Narrative Transformation: Tariq Zaman
- Collaboration for Resilience: Garen Jengan





Values and Knowledge: Ezra Uda



Unlearning and Relearning: Franklin Geroge



Cultural Engagement Approaches and Community Narrative Transformation

Metaphor				
Related disciplines	Cross-cultural	Inter-cultural	Multi-cultural	Trans-cultural
HCI	Wave 1: Cognitive science, humans as subjects	Wave 2: Collaboration and Interactions	Wave 3: Embodied experience and new meaning making	
Design paradigms	User-centred Design: User and cultural models	Participatory Design: Engagement, Empowerment	Interaction Design: User experiences, Reciprocity	Community-Based Co-Design: Unity of epistemologies, relevance
Community narratives	Narratives by the other	Counter-narrative	Harmonious narrative	Reflected narrative

Winschiers-Theophilus, H., Zaman, T., & Stanley, C. (2019). A classification of cultural engagements in community technology design: introducing a transcultural approach. *Ai & Society*, 1-17.



Collaboration for Resilience

Garen's Video

Jian Kenin and
Thank you

