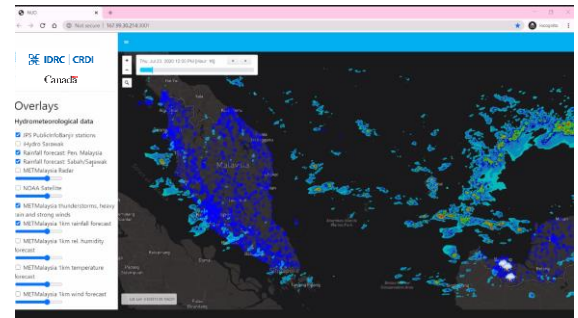




Web-based GIS Platform for Disaster Resilience

A web-based GIS platform prototype has been developed for Malaysian pilots under the project, and data on historical landslides and floods collected from open sources has been populated into the system. The next stage will involve the incorporation of crowd-sourced data in the system through the development of a community-based GIS mobile application. The web-based GIS platform was developed to enable the public to have access and contribute to the hazards information at the neighbourhood level, where data availability and accessibility are usually very limited. Public access to hazards information will enhance community resilience to hazards. Improving data availability will also increase multi-hazard-forecasting knowledge in terms of integrating disaster risk reduction with climate change adaptation.



1. A screenshot of the web-based GIS platform, which shows the hydrometeorological layer, derived from the MetMalaysia forecasting system. Landslide and flood susceptibility layers in the three pilot areas will be added to the system in the next step.

Survey on Youth Awareness

A survey on youth awareness of climate change has been developed under the project and is led by Dr. Sharina Abdul Halim (LESTARI UKM) and Bryan Yong of the Malaysian Youth Delegation (MYD). Up to August 2020, several pilot tests have been conducted with youth groups to improve the survey before it is deployed in Selangor. The survey is developed to support the project in terms of socio-economic and gender profiling and to fill the gaps in data for vulnerability mapping, as well as to identify the level of awareness among local youths on the issue of climate change and their readiness to take action. Such inputs are crucial towards developing disaster resilience plans in the pilot areas and towards creating a conducive ecosystem for DRR social entrepreneurship.



2. The cover of the survey on youth awareness of climate change, which will be conducted online. The survey is prepared in English and Bahasa Malaysia to accommodate respondents from various backgrounds in the three pilots in Selangor, Malaysia. The same survey can be replicated for the Cambodia pilot in Kampung Speu.

IDRC Project Meetings

From May to August 2020, a total of eight meetings were conducted for the project, comprising digital platform meetings, social resilience meetings, and the project meeting. The meetings were held to provide updates on the progress of the project and to gather input on activities, including on the recently developed web-based GIS platform and the draft of the survey on youth awareness of climate change, and to draw up strategic plans for the Regional Workshop 1 and future training programs under the project.



3. A screenshot of the IDRC project meeting 1/2020 to discuss the progress of the project and to review the digital platform prototype, as well as to discuss on the plans for the project's Regional Workshop 1.





Regional Workshop 1

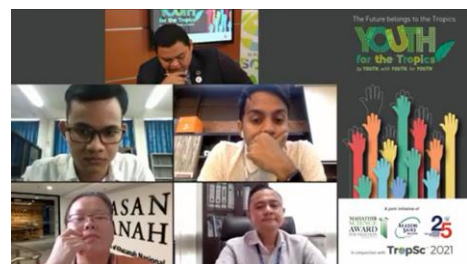
A regional workshop, titled “Youth Social Entrepreneurship for Building Community Resilience to Disasters and Climate Change in the Tropics”, was held on 13 August 2020 in the form of a webinar due to Covid-19 restrictions. The workshop was held in conjunction with the Academy of Malaysia’s Youth for the Tropics event on 12 to 13 August 2020 in celebration of the International Youth Day. Ten speakers from the region participated in three sessions: social enterprise enablers, real-world case studies and panel session on success factors and barriers to social entrepreneurship. The regional workshop served as a platform for young social entrepreneurs to understand funders’ requirements, share experience and knowledge in building community resilience to disasters and climate change, and be spotlighted in the Register of Disaster Risk Reduction Social Entrepreneurs. The register was officially launched during the regional workshop by academician Dr. Mazlan Othman, and social entrepreneurs invited to speak at the workshop were spotlighted in the register. The register is a living document that features DRR social entrepreneurs in Malaysia and other regions. The register will be instrumental in mobilizing DRR social entrepreneurship in the region by promoting partnerships and creating appropriate conditions for scaling up. The register will be included in the Handbook for DRR social entrepreneurs that is being developed by the project.

Hands-on Training on Science Communication & Female Empowerment Sessions

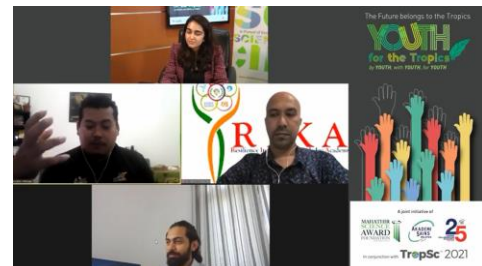
Plans for the upcoming hands-on training on science communication and female empowerment sessions under the project have been initiated, taking into account input from social enterprise enablers and lessons learnt from social entrepreneurs during the Regional Workshop 1. The team for the training workshops, comprising a combination of those with social science and technical backgrounds, will be led by Dr. Madeline Berma, Fellow of the Academy of Sciences Malaysia. The programmes are held to train individuals who are putting their altruistic values to practice by becoming DRR social entrepreneurs in their pursuit to build community resilience to disasters and climate change.



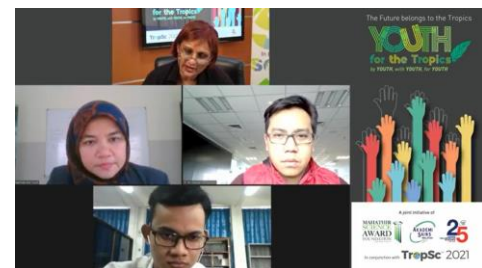
- 4. Academician Dr. Mazlan Othman, Fellow of the Academy of Science Malaysia (FASc) and director of the International Science Council, The Regional Office for Asia and the Pacific (ISC ROAP), presenting her welcoming remarks, where she launched the Register of DRR Social Entrepreneurs.



- 5. A Q&A session with enablers of social enterprises from RUPP and funding agencies, MaGIC, Yayasan Hasanah and Selangor Disaster Management Unit, discussing the requirements and opportunities for DRR social entrepreneurs for youths.



- 6. A Q&A session during the Real-World Case Studies Session with speakers from RIKA (India), Youth Innovation Lab (Nepal) and Community Ambulance (Malaysia), moderated by Ms. Jasreena Kaur from the Malaysian Youth Delegation (MYD). The session has been instrumental in providing input on good practices for DRR social enterprises.



- 7. A panel session moderated by Prof. Joy Pereira involving speakers from all sessions, as well as Ms. Shazlinda, a lecturer at Universiti Kebangsaan Malaysia, who works closely with Dr. Madeline Berma to promote social entrepreneurship among youths in Malaysia. The discussions during the panel provide valuable input in building a roadmap for DRR social entrepreneurship.

