

LAPORAN TAHUNAN ANNUAL REPORT

2022

UINSPIRE MALAYSIA@UKM

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3rd Anniversary

Cabaran-cabaran tahun lalu tidak menjadi penghalang semangat U-INSPIRE Malaysia@UKM untuk terus menyumbang kepakaran dalam bidang berkaitan pengurangan risiko bencana (DRR) dan perubahan iklim. Sejak ditubuhkan, U-INSPIRE Malaysia@UKM masih lagi giat menjalankan program berteraskan kesedaran dan pengetahuan tentang bencana yang ditumpukan kepada kalangan belia dan profesional muda. Pandemik COVID-19 telah menormalisasikan kerja secara talian, namun dunia sedang perlahan-lahan pulih dari kesan pandemik yang mana kerja secara lapangan sudah kembali dipraktikkan semula.

Aktiviti pada tahun 2022 mula memperlihatkan penglibatan kumpulan belia dan kanak-kanak dalam sektor pendidikan, dengan tujuan untuk membina kapasiti dan melihat potensi mereka dalam DRR. U-INSPIRE Malaysia@UKM memegang cita-cita untuk terus memastikan bidang DRR dan perubahan iklim dapat terus diperkukuhkan di negara ini melalui peranan kumpulan belia dan profesional muda.

ULANGTAHUN KETIGA THE THIRD ANNIVERSARY

Past challenges never stopped U-INSPIRE Malaysia@UKM from continuing to serve the community by contributing expertise for disaster risk reduction (DRR) and climate change. Since its establishment, U-INSPIRE Malaysia@UKM has been actively involved in conducting programs for the youth and young professionals groups on disaster awareness and knowledge. The COVID-19 pandemic has normalized online work, but since the world started recovering from its impact, most programs continued to be conducted on the field.

Programs in 2022 focused on the involvement of youth and children in the education sector, aiming to build capacity in these groups and nurture their potential in DRR. One of the goals of U-INSPIRE Malaysia@UKM is to ensure that efforts to manage DRR and climate change can be strengthened in this country through the role of youth groups and young professionals.



PROF. MADYA CHM. DR. GOH CHOO TA

**PENGARAH I DIRECTOR
INSTITUT ALAM SEKITAR DAN PEMBANGUNAN
(LESTARI)**

UNIVERSITI KEBANGSAAN MALAYSIA

Kejadian bencana yang lepas telah memperlihatkan kepentingan kumpulan belia dan profesional muda (YYPs) melalui sumbangan mereka dari segi kepakaran, kemahiran dan tenaga dalam mengurangkan risiko bencana di negara ini. Kumpulan ini dilihat mempunyai upaya untuk memperkasakan amalan terbaik dalam pengurangan risiko bencana (DRR) yang secara tidak langsung membantu pembangunan lestari.

U-INSPIRE Malaysia@UKM merupakan platform yang membenarkan dan menggalakkan kumpulan YYPs ini untuk terus berkhidmat dan menyumbang kepakaran mereka dalam inisiatif DRR. Sejak ditubuhkan pada tahun 2019, U-INSPIRE Malaysia@UKM telah menerima sokongan yang padu dari kumpulan YYPs di Malaysia dan negara serantau menerusi aktiviti dan program berkaitan bencana dan perubahan iklim.

U-INSPIRE Malaysia@UKM pada tahun 2022 lebih tertumpu kepada membina kapasiti golongan belia dan kanak-kanak dalam sektor pendidikan menerusi aktiviti dan program yang dijalankan dengan menggunakan dana penyelidikan yang diperolehi dari UNICEF Malaysia. Program yang dijalankan dapat meneroka peluang dan kapasiti mereka untuk menyumbang kepada ruang dasar DRR dan sedikit sebanyak dapat menambah pengetahuan serta kesedaran mereka dalam isu bencana negara. Ini secara tidak langsung dapat menggalakkan penglibatan kumpulan ini untuk terus menyumbang kepakaran mereka pada masa hadapan dalam isu pengurusan risiko bencana negara dengan pihak berkepentingan.

Sebagai kata akhir, diharapkan Laporan Tahunan U-INSPIRE Malaysia@UKM 2022 yang menyediakan sorotan ringkas mengenai aktiviti tahunan yang dijalankan sepanjang tahun 2022 dapat memberi inspirasi dan impak yang positif kepada kumpulan YYPs untuk terus komited dalam memberi sumbangan terhadap pembangunan DRR dan perubahan iklim di negara ini.

Past disaster events have highlighted the importance of involving youth and young professionals (YYPs) to contribute their expertise, skills and energy to reduce the impact of disasters in this country. YYPs have the potential and capacity to employ the best practices in disaster risk reduction, which could also help build sustainable development.

U-INSPIRE Malaysia@UKM is a platform that allows and encourages YYPs to serve and contribute their expertise to DRR initiatives continuously. Since its establishment in 2019, U-INSPIRE Malaysia@UKM has received tremendous support from YYPs in Malaysia and regional countries in activities and programs related to disasters and climate change.

In 2022, U-INSPIRE Malaysia@UKM focused more on building the capacity of youth and children in the education sector through activities and programs using research funds from UNICEF Malaysia. These programs explored opportunities and their capacity to contribute to the DRR policy, and to some extent also increased their knowledge and awareness of national disaster issues. This can indirectly encourage the involvement of this group to continue contributing their expertise in the future, especially in matters related to national disaster risk management.

On a final note, it is hoped that this U-INSPIRE Malaysia@UKM 2022 Annual Report which provides a snapshot of the annual activities organized in 2022 will inspire and have a positive impact on the YYPs to further commit to the development of DRR and climate change in this country.

INCEPTION WORKSHOP



Dalam usaha memacu momentum kumpulan belia Malaysia dalam bidang berkaitan iklim dan persekitaran, Pusat Kajian Bencana Asia Tenggara Universiti Kebangsaan Malaysia (SEADPRI-UKM), Asian Network on Climate Science and Technology (ANCST), U-INSPIRE Malaysia@UKM dan UNICEF Malaysia telah berkerjasama untuk menyediakan ruang untuk kumpulan belia dan profesional muda (YYPs) untuk terlibat dalam isu perubahan iklim.

Bengkel Inception telah diadakan secara atas talian pada 7 Februari 2022 sebagai permulaan kepada projek di bawah dana UNICEF Malaysia iaitu Youth and Young Professionals Empowerment: Implementing SETI for Disaster Resilience yang telah dianugerahkan kepada SEADPRI-UKM (ANCST dan U-INSPIRE Malaysia@UKM) pada 1 Disember 2021. Projek ini diketuai oleh Dr Nurfashareena Muhamad, yang merupakan salah seorang ketua U-INSPIRE Malaysia@UKM.

Bengkel ini bertujuan untuk menjelaskan tentang keperluan dan penunjuk prestasi yang ditetapkan pemiaya serta untuk membincangkan perancangan projek bagi tahun 2022. Bengkel ini telah dihadiri oleh semua ahli projek bersama dua penasihat projek untuk berbincang tentang rancangan projek pada tahun 2022. Bengkel *Inception* berjaya menerangkan dengan jelas mengenai perancangan projek ini.

Building on the current youth-driven momentum in Malaysia's climate and environmental sphere, Universiti Kebangsaan Malaysia's Southeast Asia Disaster Prevention Research Initiative (SEADPRI-UKM), Asian Network on Climate Science and Technology (ANCST), U-INSPIRE Malaysia@UKM and UNICEF Malaysia have partnered to provide a space that gathers youth and young professionals to engage in meaningful discussions surrounding climate change.

The Inception Workshop was convened on 7 February 2022 to kickstart the project on Youth and Young Professionals Empowerment: Implementing SETI for Disaster Resilience, funded by UNICEF Malaysia and awarded to SEADPRI-UKM (ANCST and U-INSPIRE Malaysia@UKM) on December 1st, 2021. The project was led by Dr. Nurfashareena Muhamad, who is one of the U-INSPIRE Malaysia@UKM co-leaders.

This workshop was organized to understand the requirements and performance indicators of the funder and to discuss plans for 2022 events and research activities. The workshop was attended by all project members with two project advisors to brainstorm on the proposed project plan for 2022. The Inception Workshop provided clear pathways to kickstart the project.

BENGKEL BELIA DAN PROFESIONAL MUDA DALAM SETI UNTUK PENGURANGAN RISIKO BENCANA 'KE ARAH GPDRR 2022'

WORKSHOP ON YOUTH AND YOUNG PROFESSIONALS IN SETI FOR DISASTER RISK REDUCTION 'ROAD TO GPDRR 2022'

Webinar *The Voice of Youth, Young Children and Early Career Researcher on Engagement in DRR and Climate Change Innovation* yang berlangsung pada hari Khamis, 10 Mac 2022 dari jam 9.00 pagi hingga 1.00 petang UTC+8, merupakan program bersama UNESCO, SEADPRI-UKM, ANCST dan U-INSPIRE Malaysia bersama sokongan daripada rakan kongsi lain dengan matlamat untuk mendengar dan mengumpul suara belia, kanak-kanak dan profesional muda di Asia dan Pasifik mengenai kebimbangan, idea, input mereka, dan pemikiran untuk belia dan profesional muda (YYPs) dalam SETI untuk DRR *Communique*. Webinar itu diadakan bukan sahaja sebagai penyediaan ke arah Global Platform for Disaster Risk Reduction, GPDRR2022 yang akan datang tetapi untuk berkongsi maklumat mengenai penglibatan YYPs dalam DRR di Asia dan Pasifik. Webinar ini dibahagikan kepada lima sesi;

Sesi Pembukaan,

Sesi 1: Pembentangan Keynote,

Sesi 2: Penglibatan Belia dan Kanak-Kanak Muda dalam DRR dan Perubahan Iklim,

Sesi 3: Penglibatan Saintis Muda dan Penyelidik tentang DRR dan Inovasi Perubahan Iklim

Sesi Penutup.

Semua penceramah untuk webinar ini telah berjaya menyampaikan subjek mereka dengan baik dan diharapkan webinar ini dapat mengalakkan penyertaan YYP dalam DRR.

A webinar on *The Voice of Youth, Young Children and Early Career Researchers on Engagement in DRR and Climate Change Innovation* was held on Thursday, 10 March 2022 from 9.00 am to 1.00 pm UTC+8. It was jointly convened by UNESCO, SEADPRI-UKM, ANCST and U-INSPIRE Malaysia with support from UNICEF and other partners. The objective of this event was to listen, collect and collate the voice of youth, young children and early career researchers in Asia and the Pacific for common information regarding their concerns, ideas, input, and thoughts for the YYPs in SETI for DRR *Communique*. The webinar was held, not only as a preparation for the next Global Platform for Disaster Risk Reduction, GPDRR2022 but to get exposure to the engagement of youth and young professionals in DRR in Asia and the Pacific. This webinar was divided into five sessions:

Opening Session

Session 1: Keynote Presentation

Session 2: Youth and Young Children Engagement in DRR and Climate Change

Session 3: Engaging Young Scientists and Early Career Researchers on DRR and Climate Change Innovation

Closing Session.

All speakers for this webinar delivered their topics very well and it is hoped that this webinar would trigger the youth and children to take action in DRR.



"Road to GPDRR 2022"
Youth and Young Professionals in Science, Engineering, Technology, and Innovation for Disaster Risk Reduction Webinar

10 & 12 March 2022
09:00 am - 01:00 pm Kuala Lumpur Time
Zoom Virtual Platform

Zoom Registration: bit.ly/YYPwebinar
E-certificate will be provided

Futures Thinking on DRR in 2025 through Futures Literacy Labs (FLL): Youth and Young Professionals Perspective

DR. IFFAH FARHANA ABU TALIB
U-INSPIRE ALLIANCE, UNIVERSITI TEKNOLOGI MARA MALAYSIA

ACKNOWLEDGEMENT TO FLL DRR FUTURES THINKING CORE TEAM

- DR. RIEL MELLER, LEA CHAUBISS, KUSHAL SOHAL, KWAMU EVA, CHRISTINE KAVAZANJIAN- UNESCO FLL PARIS HEADQUARTERS
- MR. ARDITO KODIAT, DR. SACHE SUZUKI, ROCIMY AKSAB - UNESCO JAKARTA OFFICE FOR ASIA PACIFIC
- OMAR ANICH, YANICK - UNDRR REGIONAL OFFICE ASIA PACIFIC
- AISHA MARZUKI, ANDRIS ERAWAN - UNDP ACCELERATOR LAB
- DR. N. RAHMA HANIFA, NURUL S.R., AFIFA T.M., SUFYAN ASLAM, EVIANA - U-INSPIRE ALLIANCE
- SOPHIA DAZILE

U-INSPIRE ALLIANCE, UNIVERSITI TEKNOLOGI MARA MALAYSIA

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Dr. Iffah Farhana

UNESCO, SEADPRI, ANCST, U-INSPIRE MALAYSIA, UNIVERSITI TEKNOLOGI MARA MALAYSIA

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SAMBUTAN HARI BUMI 2022

EARTH DAY CELEBRATION 2022



U-INSPIRE Malaysia@UKM bersama rakan kerjasama lain telah berjaya menganjurkan dan meraikan Hari Bumi 2022 pada 22 April 2022. Matlamat Hari Bumi 2022 adalah untuk memperkukuhkan komunikasi, mempercepatkan tindakan dan bekerja secara kolektif dalam kalangan komuniti merangkumi individu, kerajaan, NGO dan perniagaan untuk memahami peranan masing-masing ke arah alam sekitar yang lestari. Sambutan Hari Bumi dengan tema 'Investing on Climate Literacy for Our Planet' ini telah berjaya menerima sokongan dari 35 penonton secara langsung dari kalangan belia dan profesional muda (YYPs). Menerusi topik-topik yang dibincangkan oleh penceramah ketika sambutan ini, dirumuskan bahawa belia Malaysia perlu terus meningkatkan kesedaran dan menggalakkan literasi iklim, dan seterusnya memperkasakan usaha dan inisiatif yang berkaitan secara berterusan. Melalui pemahaman mendalam tentang potensi, peranan dan peluang golongan YYPs, kebolehan dan keupayaan mereka untuk menghadapi risiko bencana dan ancaman perubahan iklim dapat ditingkatkan. Sambutan Hari Bumi 2022 ini dipercayai boleh membuka lebih banyak peluang untuk meneroka cara inovatif dalam meningkatkan golongan celik iklim sebagai usaha kolektif untuk pembangunan lestari di Malaysia.

U-INSPIRE Malaysia@UKM along with other partners successfully organized and celebrated Earth Day 2022 on 22 April 2022. The aim for Earth Day 2022 was to reframe the conversation, accelerate action and work collectively among the community - individuals, governments, NGOs and businesses - to do our part. Thirty-five live viewers attended the two-hour Zoom webinar themed Investing on Climate Literacy for Our Planet. The Earth Day 2022 celebrations reached an audience comprising mostly youth and young professionals. Given the topics presented by the respective speakers, it is believed that Malaysian youth will continue to enhance awareness and promote climate literacy, and carry on to empower the related efforts and initiatives. A better understanding of the youth and young professionals' potential, roles and opportunities help towards utilizing their abilities and capabilities to combat potential disasters or threats of climate change. With this, it is believed that more doors can be opened towards exploring innovative ways to increase climate literacy as a collective effort for a green future in Malaysia.

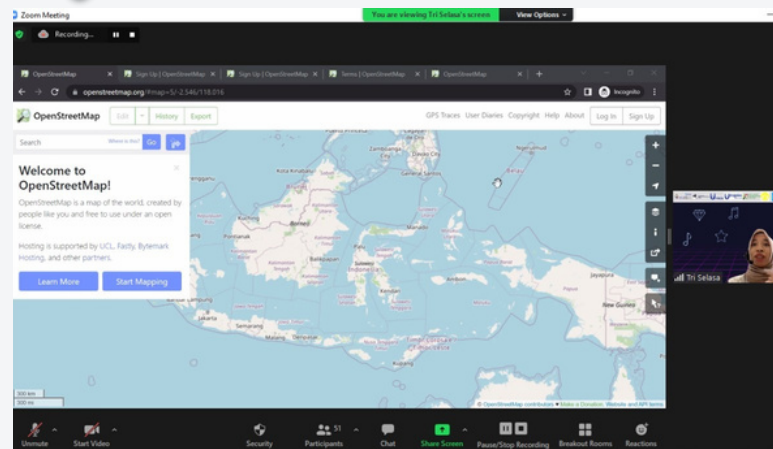


BENGGEL BINA UPAYA PELATIH DALAM OPENSTREETMAP

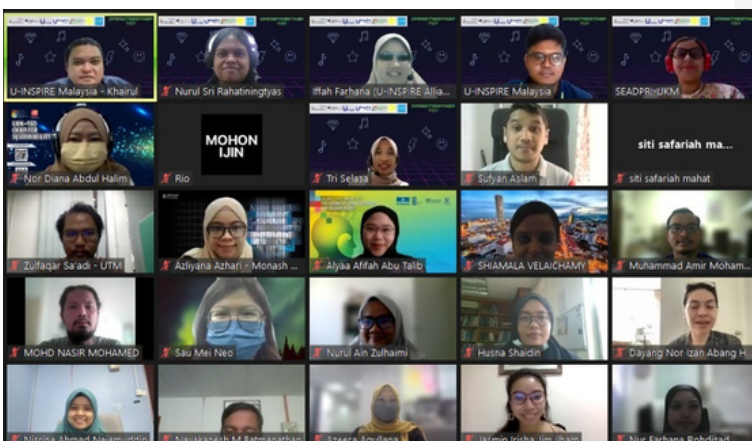
OPENSTREETMAP TRAINING OF TRAINERS

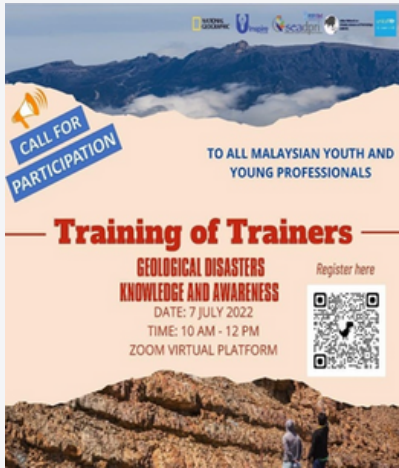
Aplikasi OpenStreetMap (OSM) ialah sebuah peta digital yang menyediakan pangkalan data terbuka untuk pertanyaan, muat turun, pengubahsuaian dan visualisasi. Dalam pengurusan risiko bencana (DRR), OSM sangat berguna apabila data telah lengkap merangkumi data bangunan, rangkaian jalan raya alternatif dan ciri-ciri fizikal lain. Bengkel Bina Upaya Pelatih dalam OpenStreetMap anjuran SEADPRI-UKM dan U-INSPIRE Malaysia@UKM, dengan sokongan daripada ANCST dan UNICEF Malaysia berserta kerjasama dari U-INSPIRE Indonesia, Perkumpulan OpenStreetMap Indonesia dan Universitas Indonesia telah dijalankan secara atas talian selama dua hari pada 29-30 Mac 2022. Latihan ini telah melibatkan 55 peserta terdiri daripada saintis muda, komuniti belia, profesional muda dan pelajar dari pelbagai universiti dan latar belakang di Malaysia. Matlamat latihan ini adalah untuk membina kapasiti belia muda di dalam memupuk pengetahuan tempatan untuk membangunkan pangkalan data akses terbuka. Latihan ini diharapkan dapat membangunkan komuniti pemeta dalam kalangan belia yang boleh menyumbang dan menyelenggara data tentang rangkaian jalan raya infrastruktur fizikal, termasuk aset bangunan dan fasiliti kerajaan dan swasta, untuk tujuan menilai aspek bencana di kawasan tumpuan.





OpenStreetMap (OSM) is a digital map database that provides open data for query, download, modification and visualization. In disaster risk reduction, OSM is very useful when the data is complete (including all buildings, road networks and other points of interest) and detailed (building height, materials, structural information). OpenStreetMap Training of Trainers was conducted over two days (29-30 March 2022); it was organized by SEADPRI-UKM and U-INSPIRE Malaysia with support from ANCST and UNICEF Malaysia in collaboration with the U-INSPIRE Indonesia, Perkumpulan OpenStreetMap Indonesia and Universitas Indonesia. There were 55 participants comprising early-career scientists, young professionals, undergraduates, and postgraduates from various universities in Malaysia. The aim of this training is to build the capacity of the youth in nurturing local knowledge to develop an open-access database. This exercise is expected to promote a community of mappers who can contribute and maintain data on road networks and physical infrastructure for the purpose of assessing aspects of disasters in a selected area.



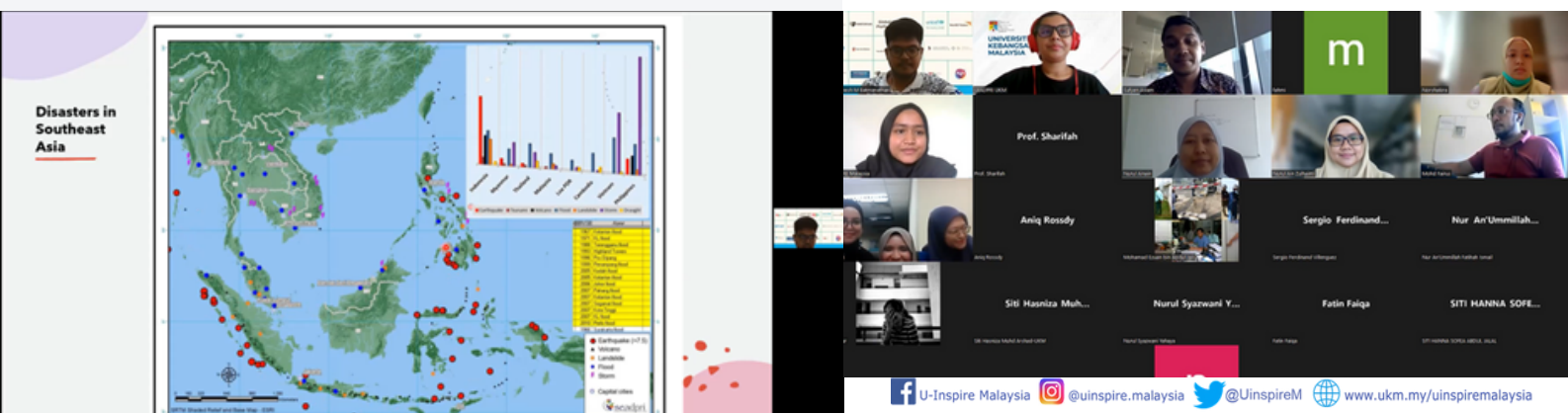


BENGGEL BINA UPAYA PELATIH DALAM PENGETAHUAN DAN KESEDARAN BENCANA GEOLOGI

GEOLOGICAL DISASTERS KNOWLEDGE AND AWARENESS TRAINING OF TRAINERS

Bencana geologi boleh memusnahkan dan menyebabkan kerosakan. Memahami dan menyebarkan pengetahuan dalam bencana geologi adalah salah satu inisiatif untuk mendedahkan belia dan profesional muda (YYPs) mengenai potensinya dalam pengurangan risiko bencana (DRR) yang mana dapat mewujudkan komuniti yang lebih berdaya tahan bencana. Bengkel Bina Upaya Pelatih dalam Pengetahuan dan Kesedaran Bencana Geologi telah dianjurkan pada 7 Julai 2022 dengan tujuan untuk mendidik dan menggalakkan kalangan YYPs dalam memahami risiko bencana geologi di Malaysia. Bengkel ini dijalankan secara atas talian selama 2 jam dan dianjurkan oleh SEADPRI-UKM, ANCST, U-INSPIRE Malaysia@UKM, dengan sokongan dari National Geographic Young Explorer dan rakan kerjasama lain. Encik Navakanesh dari National Geographic Young Explorer yang juga merupakan salah seorang ketua bersama U-INSPIRE Malaysia@UKM telah dijemput sebagai penceramah jemputan untuk memberi penerangan mengenai pentingnya pemahaman dalam bencana geologi untuk mempromosikan literasi iklim dan membina kesedaran terhadap bencana terhadap komuniti. Bengkel ini telah dihadiri seramai 46 peserta dalam kalangan YYPs dari pelbagai latar belakang yang majoritinya menunjukkan minat yang tinggi untuk terlibat dalam program berunsurkan kesedaran bencana pada masa hadapan (hasil pasca-survei).

Geological disasters can be destructive. Understanding geological disasters and disseminating knowledge about its potential impacts is one of the initiatives to help equip YYPs. Geological Disasters Knowledge and Awareness Training of Trainers (ToT) was held on 7 July 2022 to educate and encourage YYPs to understand the risk of geological disasters in Malaysia and its surrounding regions. This 2-hour online training program was organized by SEADPRI-UKM, ANCST, and U-INSPIRE Malaysia@UKM, with support from National Geographic Young Explorer and other partners. The speaker invited to this ToT was Mr. Navakanesh from National Geographic Young Explorers who is also one of the co-leaders of U-INSPIRE Malaysia@UKM. He talked about the importance of geological disaster knowledge for promoting climate literacy and enhancing awareness of disaster preparedness. Forty-six YYPs participants from various backgrounds attended the training and from the exit survey, a majority of them expressed their interest in participating in future disaster-resilient activities.



BENGGEL BINA UPAYA PENGETAHUAN DAN KESEDARAN PENGURANGAN RISIKO BENCANA

THE CAPACITY BUILDING WORKSHOP ON DISASTER RISK REDUCTION KNOWLEDGE AND AWARENESS



SEADPRI-UKM dan U-INSPIRE Malaysia@UKM bersama rakan kerjasama lain telah berjaya menganjurkan Bengkel Bina Upaya Pengetahuan dan Kesedaran Pengurangan Risiko Bencana kepada bakal guru di Institut Pendidikan Guru (IPG) Kampus Tengku Ampuan Afzan, Kuala Lipis Pahang pada 22 Ogos 2022. Bengkel ini merupakan inisiatif untuk membina daya tahan komuniti terhadap bencana melalui pendedahan awal tentang pengetahuan dan kesedaran bencana kepada bakal guru sebelum mereka berkhidmat di sekolah. Bengkel ini terbahagi kepada dua sesi, di mana sesi pertama merupakan sesi Pengenalan kepada Bencana dan sesi kedua adalah sesi Aktiviti Bina Upaya.

Bengkel ini telah dihadiri oleh beberapa wakil dari U-INSPIRE Malaysia@UKM yang bertugas sebagai penceramah bagi sesi pertama dan fasilitator untuk sesi kedua. Pada sesi pertama, peserta didedahkan dengan jenis dan info penting berkaitan bencana manakala bagi sesi kedua, peserta dibahagikan kepada beberapa kumpulan untuk melakukan aktiviti bina upaya di setiap lima stesyen secara bergilir. Pasca-survei dari bengkel ini menunjukkan majoriti peserta telah memperoleh pemahaman yang lebih baik mengenai bencana dan diharapkan bengkel ini dapat membina komuniti yang berdaya tahan bencana.

SEADPRI-UKM and U-INSPIRE Malaysia@UKM with support from other partners had again successfully conducted another Geological Disaster Knowledge and Awareness Training of Trainers (ToT) at the Institut Pendidikan Guru (IPG) Tengku Ampuan Afzan, Kuala Lipis Pahang on 22 August 2022. This ToT was another initiative carried out with prospective teachers with the aim of building a disaster-resilient community through early exposure to knowledge and awareness about disasters. The workshop consisted of two sessions - theory and experiential learning sessions.

U-INSPIRE Malaysia@UKM, represented by several members, acted as speakers for the theory session and as facilitators for the experiential learning session. For the theory session, the participants were exposed to types of disasters and important information related to disasters. For the second session, the participants were divided into groups and were required to play at every station. The post-survey of this workshop showed that a majority of the participants came away with a better understanding of and more knowledge on disasters; it is hoped that this workshop will help them to go on to help nurture a disaster-resilient community and increase awareness about DRR.



BENGGEL PEMERKASAAN PENGETAHUAN DAN KESEDARAN BENCANA DI SEKOLAH

SCHOOL EXPERIENTIAL LEARNING TRAINING ON DISASTER KNOWLEDGE AND AWARENESS

Kanak-kanak merupakan agen perubahan yang mempunyai kapasiti khusus untuk mengurangkan risiko bencana dalam isi rumah, sekolah dan komuniti mereka. Mekanisme utama untuk memanfaatkan kapasiti tersebut adalah melalui pendidikan pengurangan risiko bencana (DRR) dan daya tahan yang bermula di sekolah kerana sekolah dilihat sebagai tempat yang berkesan untuk kanak-kanak mempelajari kemahiran baharu. Bengkel Pemerkasaan Pengetahuan dan Kesedaran Bencana di Sekolah anjuran SEADPRI-UKM dan U-INSPIRE Malaysia@UKM bersama rakan kerjasama lain telah dijalankan pada 29 September 2022, dengan memilih Sekolah Kebangsaan Janda Baik, Bentong Pahang sebagai kawasan kajian.

Bengkel ini telah disertai oleh beberapa wakil dari U-INSPIRE Malaysia@UKM yang turut dibantu guru-guru SK Janda Baik dan rakan projek lain dari SEADPRI-UKM dan MERCY Malaysia. Kesemua yang terlibat, termasuklah kanak-kanak SK Janda Baik telah menunjukkan kerjasama yang sangat baik sepanjang bengkel berlangsung. Bengkel ini dilihat sebagai satu platform kepada komuniti belia serta profesional muda (YYPs) bersama-sama dengan saintis berpengalaman untuk berkongsi mengenai sains iklim dan teknologi dalam DRR kepada kanak-kanak yang juga dilihat sebagai agen pengubah dalam memperkasakan amalan terbaik dalam DRR.

Children are potential agents of change in households, schools and the community; they have the capacity for understanding disaster risk reduction. The main mechanism to utilize that capacity is through DRR education in schools because schools are seen as ideal and effective places for children to learn new skills and discover new things. The first such workshop, titled School Experiential Learning Training on Disaster Knowledge and Awareness, was held on 29 September 2022 at Sekolah Kebangsaan Janda Baik as the study area. It was organized by SEADPRI-UKM and U-INSPIRE Malaysia@UKM with support from other partners.

A team of members from U-INSPIRE Malaysia@UKM, with some help from SK Janda Baik teachers along with other partners from SEADPRI-UKM and MERCY Malaysia, helped to facilitate the workshop. Everyone, especially the children, showed great commitment and support for the workshop. This workshop is seen as a platform for the youth and young professionals together with experienced researchers to share about climate science and technology on DRR with the schoolchildren who are agents of change in empowering best practices in DRR.



Selected Speakers:



Dr. Nuraini Rahma Hanifa
National Research and
Innovation Agency (BRIN),
Indonesia / U-INSPIRE Alliance



Mr. Navakanesh M. Batmanathan
SEADPRI-UKM /
The National Geographic Young
Explorer



Sr. Gs. Ts. Dr. Rabiehtul Abu Bakar
Universiti Teknologi Mara (UITM)



Miss Faten Hanani Hakimi
U-INSPIRE Malaysia@UKM

Poster session,
20 Oct 2022

SEADPRI-UKM dengan sokongan dari ANCST, International Development Research Centre (IDRC) Canada dan rakan kerjasama lain telah berjaya menganjurkan sesi sampingan untuk memperkasa geosaintis muda dalam Geosains dalam DRR: Perkongsian Amalan Terbaik.

Sesi ini diadakan sempena Kongres GEOSEA kali ke-17 serta Persidangan Geosains Kebangsaan (NGC) yang ke-34 bertempat di Pulau Langkawi dari 17 sehingga 21 Oktober 2022. Wakil dari U-INSPIRE Alliance, Dr. Nuraini Rahma Hanifa dan beberapa orang wakil dari U-INSPIRE Malaysia@UKM, En. Navakanesh dan Dr. Rabiehtul telah dijemput untuk membuat pembentangan kajian mereka di Sesi Teknikal 1: Geologi Persekitaran dan Perubahan Iklim pada 18 Oktober 2022 manakala Cik Faten Hanani terlibat dalam sesi pembentangan poster pada 20 Oktober 2022



GEOSAINS DALAM DRR: PERKONGSIAN AMALAN TERBAIK

GEOSCIENCE COMMUNICATION FOR DRR: SHARING OF BEST PRACTICES

SEADPRI-UKM, with support from ANCST, International Development Research Centre (IDRC) Canada and other partners successfully organized a session to empower young geoscientists on Geoscience Communication for Disaster Risk Reduction (DRR): Sharing Of Best Practices.

The event was held in conjunction with the 17th GEOSEA Regional Congress 2022, in tandem with the 34th National Geoscience Conference (NGC) in Langkawi, Malaysia from 17-21 October 2022. A representative from U-INSPIRE Alliance, Dr. Nuraini Rahma Hanifa and a few members of U-INSPIRE Malaysia@UKM, Mr. Navakanesh and Dr. Rabiehtul were invited to present at the Technical Session 1 on Environmental Geology and Climate Change on 18 October 2022, while Ms. Faten Hanani presented for the poster session on 20 October 2022.



STRENGTHENING COLLABORATION AMONG SCIENCE NETWORKS IN ASIA AND THE PACIFIC



UNESCO bersama rakan kerjasama lain telah menganjurkan program bertajuk 'Strengthening Collaboration among Science Networks in Asia and the Pacific' pada 7-9 November 2022 di Jakarta, Indonesia. Program ini bertujuan untuk mengukuhkan perkongsian, rangkaian, jaringan dan perkongsian maklumat antara ahli UNESCO.

Acara ini diadakan untuk memberikan sokongan kepada kawasan tumpuan UNESCO, melibatkan Negara Kurang Maju (LDC) dan Pulau Kecil Membangun (SIDS), dan untuk meningkatkan penyertaan belia dan wanita dalam sains. Selain itu, program ini juga bertindak sebagai forum untuk menyemak semula keutamaan dan visi UNESCO untuk program dan rangkaian sains di Asia dan Pasifik, untuk meneroka peluang kerjasama, dan berkongsi serta menyepadukan usaha bersama dengan komuniti sains secara meluas.

Program ini telah dihadiri oleh tiga orang ahli U-INSPIRE Malaysia@UKM iaitu Dr Iffah Farhana, Dr Alyaa Afifah dan En Sufyan Aslam.

UNESCO along with other partners conducted an event, Strengthening Collaboration among Science Networks in Asia and the Pacific on 7-9 November 2022 in Jakarta, Indonesia. The event was aimed to strengthen partnerships, networking and knowledge sharing among the UNESCO science family.

It was held to provide reinforced support to UNESCO's global priority areas, to the Least Developed Countries (LDCs) and Small Island Developing States (SIDS), and to enhance the participation of youth and women in science. Other than that, this event acted as a forward-looking forum to update UNESCO's priorities and vision for science programmes and networks in Asia and the Pacific, to explore and generate new collaborations, and share and integrate our joint efforts with the wider science community.

The event was attended by three U-INSPIRE Malaysia@UKM members, namely Dr. Iffah Farhana, Dr. Alyaa Afifah and Mr. Sufyan Aslam.



AKADEMI IMPACT 2022: EDISI JAGUH BUMI

IMPACT ACADEMY 2022: EARTH WARRIOR EDITION



Akademi IMPACT merupakan Program inkubator untuk belia yang mempunyai projek impak sosial dalam komuniti dan persatuan belia yang aktif dalam komuniti. Akademi IMPACT merupakan program anjuran IMPACT Malaysia dengan kerjasama Youth Environment Living Labs kelolaan UNICEF dan UNDP Malaysia. Akademi IMPACT pada tahun ini telah menerima penyertaan dari 10 kumpulan dari pelbagai latar belakang yang menjalankan projek bertemakan alam sekitar dan perubahan iklim.

Akademi IMPACT telah menjemput wakil dari U-INSPIRE Malaysia@UKM, Cik Faten Hanani sebagai mentor dalam bahagian pengurangan risiko bencana pada 2 Disember 2022 untuk memberi idea penambahbaikan kepada para peserta berkaitan projek mereka. Kebanyakan projek yang dijalankan melibatkan pengurusan sisa dan antara perkara yang diketengahkan adalah bagaimana projek mereka dapat membantu mengurangkan risiko bencana. Kesemua peserta Akademi telah menunjukkan semangat yang tinggi untuk menjalankan projek mereka menggunakan dana yang disediakan dan kesemua projek yang dijalankan ini dapat dijadikan inspirasi dan perkongsian yang baik kepada belia dan orang awam.

IMPACT Academy is an incubator program for youth who have ideas for a social-impact project. IMPACT Academy was organized by IMPACT Malaysia in collaboration with Youth Environment Living Labs managed by UNICEF and UNDP Malaysia. This year, IMPACT academy has received participation from 10 groups from various backgrounds with themes on the environment and climate change.

IMPACT Academy invited a representative from U-INSPIRE Malaysia@UKM, Ms. Faten Hanani, to be a mentor on 2 December 2022 to help the participants with their projects. Most of the projects were related to waste management and the highlights were on how their projects will help to reduce the disaster risk in their selected areas. All the participants of the Academy showed great enthusiasm to carry out their projects using the funds provided, and all the projects can be used as inspiration for the youth and the public.

SHAH ALAM MAPATHON

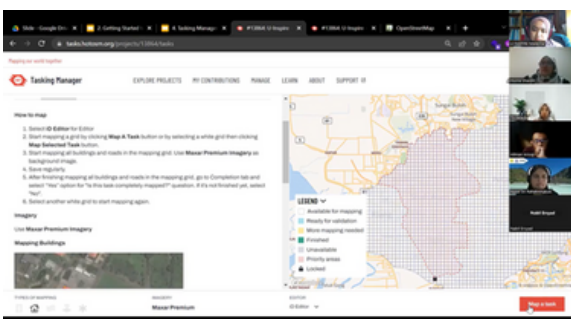
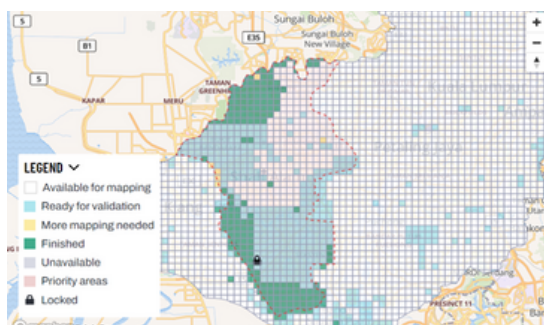
Mapathon merupakan sebuah acara pemetaan menggunakan OpenStreetMap (OSM) di mana pemeta perlu memeta secara digital di kawasan yang terpilih. Shah Alam Mapathon (SAM) merupakan kesinambungan dari Bengkel Bina Upaya Pelatih dalam OpenStreetMap yang telah dijalankan pada 29-30 March 2022 yang lalu, tertumpu pada tutorial menggunakan OSM.

SAM telah dianjurkan secara atas talian oleh SEADPRI-UKM dengan sokongan dari ANCST, U-INSPIRE Malaysia@UKM dan rakan kerjasama lain pada 5 Disember 2022 sehingga 25 Februari 2023, bermula dengan sesi kickstart dan berakhir dengan majlis penghargaan. SAM bermatlamat untuk membina kapasiti pemeta digital dengan mengaplikasikan pengetahuan mereka untuk membangunkan pangkalan data akses terbuka menggunakan OSM dalam membina masyarakat yang berdaya tahan bencana. SAM telah menerima 15 penyertaan dari golongan belia dan profesional muda untuk memeta kawasan Shah Alam menggunakan OSM. SAM telah menerima sambutan baik yang mana lebih dari 50% kawasan Shah Alam telah berjaya dipetakan semasa mapathon dan separuh dari jumlah peserta menunjukkan komitmen yang tinggi dalam memeta kawasan Shah Alam.



This Mapathon was a coordinated mapping event using OpenStreetMap (OSM) where mappers needed to be digitally involved in mapping the selected area. The Shah Alam Mapathon (SAM) was proposed as a continuation of the Training of Trainers on OpenStreetMap which was conducted on 29-30 March 2022; it focused on the tutorial on how to use OSM.

The Shah Alam Mapathon (SAM) was conducted virtually by SEADPRI-UKM, ANCST, U-INSPIRE Malaysia@UKM and other partners from 5 December 2022 until 25 February 2023. The event took off with a session on 5 December 2022 and ended with a physical appreciation event. Its objective was to build the capacity of Malaysian youth digital mappers in applying their local knowledge to develop an open-access database using OSM in building community resilience. SAM received 15 participations from youth and young professionals with mapping backgrounds to map the Shah Alam area using OSM. SAM received great support from collaborators and participants; more than 50% of the Shah Alam area was mapped during this mapathon, and half the participants displayed great commitment to actively map the Shah Alam area.



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A platform for youth and young professionals in Science, Engineering, Technology, and Innovation (SETI) to accelerate the implementation of Disaster Risk Reduction (DRR), inline with the Sendai Framework, to support DRR policy and action at local, national and international level.



MEMBERSHIP

- Age 18 - 40 years old
- Graduate
- Have an independent profession with interest in DRR and climate change



OUR VISION

To empower the role of Malaysian youth and young professionals in science, engineering, technology and innovation; to build towards disaster resilience at the national, regional, and global levels

OUR FOCUS

- Policy Intervention
- Knowledge Sharing
- Capacity Building
- Innovative Science Communication
- Technology Transfer

OUR GOVERNANCE



U-INSPIRE Malaysia @ UKM is hosted at Universiti Kebangsaan Malaysia's Southeast Asia Disaster Prevention Research Initiative (SEADPRI-UKM). The Asian Network on Climate Science and Technology (ANCSST) incubated and launched U-INSPIRE Malaysia@UKM on 15 October 2019, with seed funding from the Cambridge Malaysian Education and Development Trust (CMEDT) with support from the National Disaster Management Agency Malaysia (NADMA) and the Malaysian National Commission for UNESCO.



U-INSPIRE Malaysia@UKM is a part of U-INSPIRE Alliance chapter. The U-INSPIRE Alliance was formally launched on 20 September 2019, during the Forum on Youth and Young Professionals in SETI for DRR, organised in conjunction with 2019 SEE AP SDG II from 17-22 September 2019, at Jakarta, Indonesia. Since then, the Alliance has evolved into 12 country chapters in Asia and the Pacific.



GALLERY



Sejak ditubuhkan, U-INSPIRE Malaysia@UKM telah menerima sokongan yang berterusan dari pelbagai agensi luar dan dalam negara. Menerusi sokongan tersebut, U-INSPIRE Malaysia@UKM berjaya menjalankan aktiviti yang bukan sahaja melibatkan kumpulan belia dan profesional muda, tetapi juga mula memperlihatkan penglibatan kanak-kanak dalam bidang DRR dan perubahan iklim.

Geran penyelidikan yang diterima dari UNICEF Malaysia dan sokongan padu dari rakan kerjasama lain, terutamanya dari Asian Network on Climate Science and Technology (ANCST) membolehkan aktiviti dan program untuk membina kapasiti masyarakat dalam DRR dilakukan. Tahun 2022 banyak menumpukan program mengenai penggunaan data terbuka dalam pengurusan bencana yang mana melibatkan seminar dan latihan pemetaan, aktiviti bina upaya pada belia dan kanak-kanak dalam sektor pendidikan serta program dan seminar berkaitan DRR dan perubahan iklim. Kesemuanya bertujuan untuk memberi inspirasi dan dorongan kepada masyarakat dalam usaha mewujudkan komuniti yang berdaya tahan bencana di Malaysia.

Maklumat lanjut berkenaan aktiviti U-INSPIRE Malaysia@UKM boleh didapati di <https://www.ukm.my/uinspiremalaysia/> ataupun buletin SEADPRI melalui pautan berikut: [Buletin SEADPRI Edisi Nombor 25](#)

U-INSPIRE Malaysia@UKM has received continuous support from many national and international agencies since its establishment. As can be seen, with such support, U-INSPIRE Malaysia@UKM has successfully conducted activities that involved youth, young professionals and children in the DRR and climate change sector.

Grants from UNICEF Malaysia@UKM along with solid support from other partners, especially from Asian Network on Climate Science and Technology (ANCST) enabled all these activities and programs for capacity building in DRR to be carried out. The year 2022 saw a focus on programs and activities on the usage of open data in disaster management through seminars and training sessions, experiential learning activities for youth and children in the education sector, alongside programs and seminars for DRR and climate change. The aim of these programs is to help encourage communities to see the importance of, and evolve, into a disaster-resilient communities in Malaysia.

More information about U-INSPIRE Malaysia@UKM can be achieved through <https://www.ukm.my/uinspiremalaysia/> or bulletin SEADPRI via the following link: [Buletin SEADPRI Vol No. 25](#)