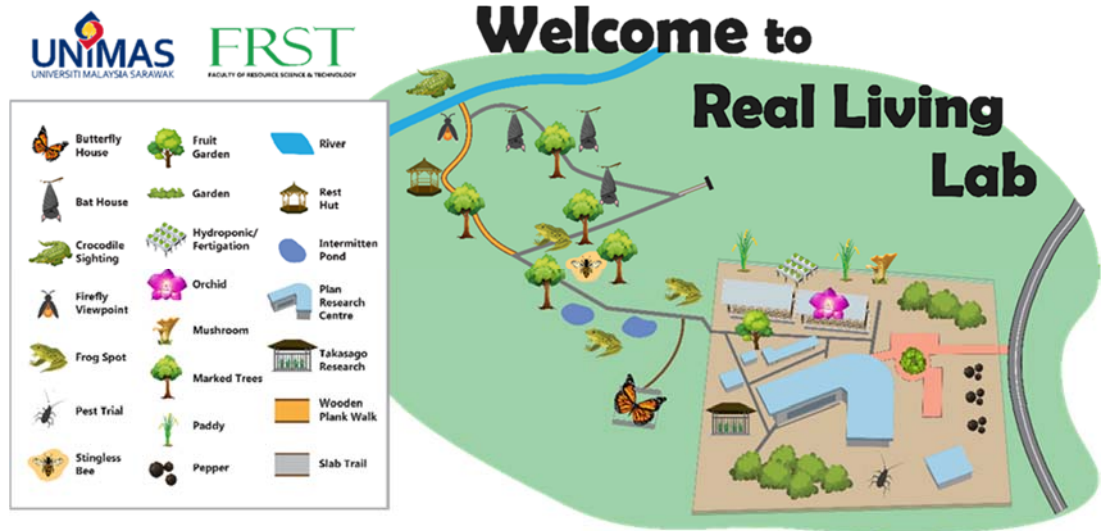


e-Newsletter Real Living Lab (RLL)

Special points of interest:

- Welcome to Real Living Lab (RLL)
- Organization structure of RLL

- SDG 4 (Quality Education);
- SD13 (Climate Action);
- SDG 14 (Life Below Water)
- SDG 15 (Life on Land)
- SDG 8 (Decent work and Economic Growth)



The establishment of Real Living Lab (RLL) was announced by YBhg Prof Datuk Mohd Kadim Suaidi during the Vice Chancellor’s Mandate on 23 January 2019. The objectives of RLL are to:

1. to showcase the biodiversity in Sarawak;
2. to transform natural science into translational research;
3. to serve as an ecotourism spot.

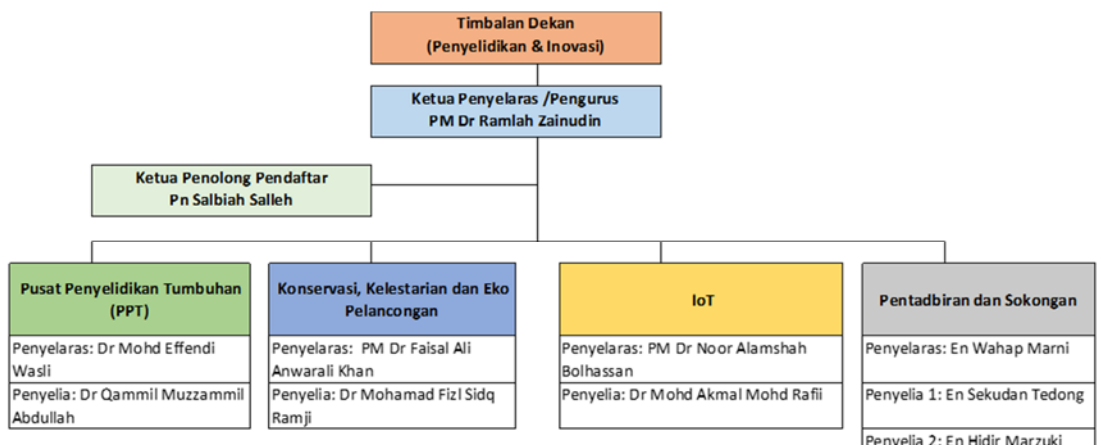
Project implementation (Phase 1):

- i. Tree planting, enrichment and labelling
- ii. Hydroponic and fertigation activities
- iii. Forest trail - labelling and tagging plant and animal species
- iv. Digitizing images and information—data retrievable *via* QR code.
- v. Establishment of firefly colonies, stingless bee colonies and butterflies house.

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- RLL in AWANI Sarawak **2**
- Social Visit by Petronas **2**
- French Attache Visit to RLL **3**
- Visit by Dr Shazali Johari **3**
- Visit by delegates from Kanda University **3**
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- On-going projects related to RLL **4**
- RLL Apps **4**

Organization Structure of RLL



Launching of RLL



RLL was launched by YBhg Prof Datuk Mohd Kadim Suaidi during the Open Day of Faculty Resource Science and Technology on 24 September 2019. (Photo credit: Mohd Hadzan Bin Mos)

RLL in ASTRO AWANI



Astro AWANI @ RLL (Photo credit: Mohd Hadzan Bin Mos)

Social Visit by Petronas



Food for thought....

“There can be no purpose more enspiriting than to begin the age of restoration, reweaving the wondrous diversity of life that still surrounds us.”

E.O. Wilson

Social visit by Petronas on 14 October 2019.
(Photo credit: Wahap Bin Marni)

French Attache Visit to RLL



On the 11 November 2019, Ir Dr Angeline Blanc Serre, Attachee for Higher Education, French Embassy, Kuala Lumpur had a courtesy visit to UNIMAS

Photo credit: Aazani Mujahid

Visit by Dr Shazali Johari (Principal Assistant Secretary, Ministry of Tourism, Arts, Culture, Youth and Sports Sarawak)

A meeting was held on 6 December 2019 with Dr Shazali from the Ministry of Tourism, Arts, Culture, Youth and Sports, Sarawak to explore the potential collaboration opportunities at RLL. Dr Shazali visited RLL and had a taste of our stingless bee honey. (Photo credit: Sim Siong Fong)



Visit by delegates from Kanda University, Japan



Five delegates from Kanda University visited RLL on 19 December 2019 after discussion on the potential summer program with FSTS. (Photo credit: Mohd Hadzan Bin Mos)

Visit by RKD Architects Sdn Bhd

En Azhar bin Mohd Hefini from RKD Architects Sdn Bhd and his assistant visited RLL on 4 Feb 2020, led by program members of Aquatic Science (Dr Fazimah Aziz, Dr Roslianah Asdari and Dr Mohammad Bodrul Munir), for benchmarking visit of Center for Precision of Aquaculture and Bioresource Technology.

On-Going Projects Related to RLL

- Genetic Diversity of Amphibians as Indicators for Ecosystem Health (Ramlah Zainudin)
- Identification of *Rhynchophorus (Dryophthorinae)* Morphotypes in Malaysian Borneo (Siti Nurlydia binti Sazali @ Paksin)
- Towards Biological Control of *Phytophthora capsici* Causing Foot Rot of Pepper (*Pipper nigrum*) in Sarawak (Vu Thanh Tu Anh)
- Isolation and Identification of Air Borne Fungal Spores (Mohamad Hasnul bin Bolhassan)
- Microplastics in fish larvae and water in Sarawak River, Sarawak (Mohd Nasarudin bin Harith @ Abdul Nasir)
- Microplastics in plankton, water and sediment from selected lakes of Kota Samarahan, Sarawak (Farah Akmal bt. Idrus)
- Utilization of Regenerated Cellulose Hydrogel from Cellulosic Waste for Controlled Release of Fertilizer (Chin Suk Fun)
- Cultivation of *Pleurotus* spp. (Oyster Mushroom) Using Sago Solid Wastes (Mohamad Hasnul bin Bolhassan)
- Distribution of Rodents and Dynamics of Parasites at different Forest types and Urban areas in Sarawak (Madinah binti Adrus)
- Mapping your Organism Management Strategy: A case study for the edible Bornean endemic frog, *Limnonectes leporinus* (Ramlah Zainudin)



Do download the APP of RLL from Google Play Store. Try the APP @ RLL for more exciting experiences!

Photo credit: Sim Siong Fong

More events and activities at RLL in the upcoming issue in May 2020. Keep your fingers crossed!