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Pesta Konvo 2018



His Royal Highness the Crown Prince planting a tree (*Dipterocarpus borneensis*) at UBD BRC. *Photo: Hj Roslan Hj Mohd. Daud, Pelita Brunei*



On 16th August 2018, Pesta Konvo, an annual event in conjunction with the 30th Convocation Ceremony, was held at the newly opened Botanical Research Centre (BRC). The theme of the festival this year was "I.L.M" which stands for Innovation, Leadership & Mastery. It highlights the importance of innovation which has significant benefits to society and introduces some of the important innovation by UBD graduates such as the Coat Guard 003 and phytochemical and biological studies of Pawas (*Litsea elliptica*). More info here.

His Royal Highness the Crown Prince taking a tour at UBD BRC. Photo: UBD Website

Thai Royalty Visits



Her Royal Highness Princess Maha Chakri Sirindhorn of Thailand visited UBD BRC on 31st October 2018 and was accompanied by military officers and 35 Year Four Cadets from the Chulachomklao Royal Military Academy. HRH consented to plant a tree (*Agathis borneensis*) in UBD BRC and was greeted by Thai students studying at UBD. HRH was also presented a showcase of UBD graduates latest innovative research such as the sensor technology known as 'Droplet 2.0'. More info here.

Her Royal Highness interacting with student on her project at BRC. Photo: UBD Website

Brunei Darussalam – Commonwealth Third Country Training Programme (BDTCTP)



Participants were given a briefing at the Earthwatch plot, KBFSC. *Photo: IBER*

The BDTCTP training was conducted from 6th to 11th August 2018 and attended by participants from Brunei and the South Pacific Islands: Cook Islands, Fiji, Kiribati, Samoa, Tonga, and Vanuatu. The workshop was intended to stimulate interest and involvement, encouraging participants to share best practices and lessons learnt from their respective countries. More info here.

Group photo with the participants and programme facilitators from IBER. *Photo: IBER*



One of the participant measuring diameter of a tree. *Photo: IBER*



Research

Seminar Series



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Institute for Biodiversity and Environmental Research

TUESDAY | 18 SEPTEMBER 2018

2.30 pm

Training Room, Office of Assistant Vice Chancellor Research (OAVCR), 1st floor, Block A Integrated Science Building, Universiti Brunei Darussalam

Seminar Series

Sensor networks for environmental measurements in Brunei Darussalam

By: Dr Alex Cobb Singapore-MIT Alliance for Research and Technology (SMART)

Abstract

stract Advances in sensor, data transmission and data storage technology have made it possible to make sophisticalised environmental measurements more efficiently and cheaply than ever betree. The Peathar project under the Heart of Bonno Carthe Bonnel Dunussiani, mixvilying the Singaport-HIT Alliance for Research and Technology and UBD, has been vorsing to develop a sensor network for monitoring occupation processis in post forest in the Bdate District. In this stalp Advaccum description of the sensor time of the provide sensor.

Speaker:

Sasakar: Dr Alex Cobb is a Principal Research Scientisk in the Singapore-MIT Allance for Research and Technology's Cantar for Environmental Sensing and Modeling (CEISRAP), his work at SMART focuses on forest carbon, water and energy cycles and the physiology and biomechanics of others in Southeast Asian pact forests. Before commencing his work at SMART, Dr. Cobb hield a joint productorar japolitic and biomechanics of plant development at Hanrad University and the University of ReaseChusets. He received his Pho. In the physiology of plants from Havard University in 2006 and first came to Southeast Asia as a Fulbright Feliow to Malaysia in 2000-2001.



IBER Institute for Biodiversity and Environmental Research

Seminar Series

Ecology and evolution of visual

signals

By: Dr Eunice Tan Yale-NUS College Singapore UBD

How have interactions between species and their environment shaped the species that we have

today? My research examines the ecological interactions between the environment, animals and their predators, to improve our understanding of the ecological selection pressures on the ocburgatement and behaviours of animals. In this seminar, I will discuss how I use phylogenetic comparative analyses and field and laboratory experiments to address fundamental questions about our environment in ange of arthropol systems.

Speaker; Eunice Tan is an evolutionary ecologist whose research examines the interactions between species and their environment. Eurice obtained her B5c and MSc in LLB Sciences from the Matorial University of Singapore and earned her PhD from the University of Melbourne, Australa. Eurice's research involved field experiments in forests in Singapore, Margivia, China ed Australia. Eurice is currently an Assistant Professor at Yate-NUS College. Singapore.



Tuesday | 17 July 2018

10.00 am

Lecture Room 1, Level 2, Block D,

Integrated Science Building.

More about IBER seminar series



Raw results of the revisited Pinanga palms

Wednesday | 30 Jan 2019 2.30 pm Lecture Room 2, Level 2, Block D, Integrated Science Building, UBD

Associate Professor Alison Shapcott University of the Sunshine Coast, Australia

Abstract Tropical radioses such as that found in Brunei at the Ulu Temburong National Park (UTNP) contain very high floral diversity. Borneo has a very rich paim flora and members of the genus Pinanga dominate the understory. It is also the centre of diversity of this genus with 45 species endemic to the island, there are a least 13 species recorded in UTNP. Undersitory species are true rainforest species dependent on the shaded contations provided by the dense canopy thus their populations may be sensitive to dimage. In the in the canopy conditions and motioure levels and thus may be sensitive to dimage. In seven locations along the Bellong and Temburong rivers close to the tuals Belang Field Studies Centres Pinanga understory pains may be indicative of more wideopread changes to the rainforest under climates Pinanga understory pains may be indicative of more wideopread changes to the rainforest under climate Pinanga understory pains may be indicative of more wideopread changes to the rainforest under climates paperad to have declined. This preject anime to underake a comprehensive resurvey of the original five species of Pinanga pain species in order to sasses filt here is similar population delines arrows multiple sites. The preliminary results of these reintensive test were of all species in order to assess if there is similar population delines arrows multiple sites. The preliminary results of these re-comprehensive resurvey of the original five species of Pinanga pain species in order to sasses filt here is similar population delines arrows multiple sites. The preliminary results of these re-comprehensive resurvey of the original five species may have differing population dynamics.

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Seminar series by Dr Alex Cobb during his presentation at UBD. Photo: IBER



Seminar series by Associate Professor Dr Alison Shapcott during her presentation at UBD. Photo: IBER



A day-visit to KBFSC by La Trobe University, Australia in August 2018. Photo: IBER

Research trips at **KBFSC**



Field course ran by University of Sunshine Coast, Australia at KBFSC from 26 November to 3 December 2018. Photo: IBER

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Education & Outreach

Environmental Education Programme (EEP)

A total of 5 schools participated in the programme that was conducted at KBFSC from July-December 2018:

- Sekolah Menengah Rimba
- Sekolah Tinggi Perempuan Raja Isteri (STPRI)
- Sekolah Menengah Yayasan Sultan Haji Hassanal Bolkiah
- Sekolah Menengah Sayyidina Ali (SMSA)
- IBTE Agro-Technology Campus (IBTE)





Students from STPRI measuring environmental parameters at the Ashton trail. *Photo: IBER*

IBTE participants conducting stream ecology experiment at Sg. Belalong. Photo: IBER



SMSA students during lecture in the laboratory. *Photo: IBER*

FoB Teaching Assistantship Training



Three Friends of Belalong (FoB) volunteers underwent training to become teaching assistants for Environmental Education Programme. The training aims to equip them with relevant skills in conducting field course based activities. *Photo: IBER*



The volunteers worked in a group for a hands-on training activity at the KBFSC. *Photo: IBER*

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Bronchocela cristatella (Green crested lizard) spotted on a fern. Photo: Mahdi Hussainmiya

Contact

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UBD Botanical Research Centre



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Upcoming event



(Click image for details)