

Abstracts

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Editor

Mohamed Yusoff Abbas

Acknowledgement

Our 29th international conference, the 8th Asian Conference on Environment-Behaviour (AcE-Bs2019Langkawililand) was made possible by many

Many thanks to the more than 60 International Scientific Committee (ISC) / Editorial Board Members, represented from 16 countries worldwide, for their continuous commitment and dedication for reviewing the conference papers.

Last but not least, our gratitude to the Distinguished Keynote Speaker, Abstract Contributors and Paper Presenters for disseminating their works and findings at this most memorable international conference. Their continuous support in participation endorses the relevance and sustenance of more successful forthcoming conferences.

Thank you all !

Foreword

This 8th AcE-Bs2019Langkawililand, managed to attract an overall total of 77 numbers of approved abstracts, from four countries (based on first authors' affiliations).

Majority of the abstracts (74 numbers or 96%) were contributed by Malaysia. This was followed by one each from Hong Kong, China, Japan (withdrew) and Turkey.

The abstracts approved were simply grouped generally under 21 sub-categories, although quite a number could have been easily placed under more than one category. The top four categories in order of popularity involved the following environments: -

Educational / Learning Environment, ELE (15 numbers or 20%); Residential Environment, RE (8); Health / Healing Environment, HE (7); and 5 numbers each for Children / Youth Environment (CYE) and Sustainable Environment (SuE)

The Association of Malaysian Environment-Behaviour Researchers (AMER), the main organiser, with the co-organisers, ABRA and cE-Bs, FSPU, UiTM, congratulate all contributors for making the conference a tremendous success!

Hopefully this conference will inspire and encourage more researchers to participate in our forthcoming serial conferences.

Thanks again for your continuous support as always, and hope for an enlightening conference!

Prof. Dr. Mohamed Yusoff Abbas
Editor
8th AcE-Bs2019Langkawililand
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18 Dec 2019

About the Conference

Background

The success of the 1st National Conference on Environment-Behaviour Studies, InCEBS2009 held at UiTM Shah Alam, Malaysia, from 14-15 Nov 2009, inspired the organiser to organise future conferences beyond the nation. The **AcE-Bs**, an initial acronym for ASEAN Conference on Environment-Behaviour Studies, which targeted venues at ASEAN countries, was later extended to be held in Asian countries, thus the current acronym for the **Asian Conference on Environment-Behaviour Studies**.

AcE-Bs conferences main theme address Environment-Behaviour (E-B) issues affecting the Asian communities living in both Asian and non-Asian countries. E-B issues affecting non-Asian communities are also most welcome.

Prior to 2014, AcE-Bs was organized by cE-Bs (Centre for Environment-Behaviour Studies, FSPU, UiTM, Malaysia, supported by AMER (Association of Malaysian Environment-Behaviour Researchers) and ABRA (Association of Behavioural Researchers on Asians). Post-2014, with AMER and ABRA being formalised, cE-Bs took the supporting role. AMER's Event Management & Services (emAs), a private entity, manages all of AMER's events, under Emas Emas Resources.

Thus far, the AcE-Bs were organised as follows:-

- 7th AcE-Bs2016Taipei, Taiwan, 09-10 Apr 2016
- 6th AcE-Bs2015Tehran, Iran, 21 – 23 Feb 2015
- 5th AcE-Bs2014Seoul, South Korea, 25-27 Aug 2014
- 4th AcE-Bs2013Hanoi, Vietnam, 19-22 Mar 2013
- 3rd AcE-Bs2012Bangkok, Thailand, 16-18 Jul 2012
- 2nd AcE-Bs2011Bandung, Indonesia, 15-17 Jun 2011
- 1st AcE-Bs2010Kuching, Malaysia, 07-08 Jul 2010

Theme Synopsis: 8th AcE-Bs2019Langkawilsland

Commencing with our 25th silver international conference - the AicE-Bs2018Sheffield, there shall be no specific conference theme. Paper contributors are expected to focus specifically on Environment- Behaviour issues pertaining to the following environments (though not exhaustive):-

Children's Environment; Commercial/Retail/Services Environment; Communication Environment; Community Environment / Social Psychology; Construction Environment; Disabled / Inclusive Environment; Educational / Learning Environment; Elderly Environment; General Psychology; Healing / Healthcare Environment; Hospitality / Tourism Environment; Landscaping Environment; Legal Matters; Leisure / Recreational / Sports Environment; Local Cultural / Heritage Environment (Food included); Natural Environment; Residential Environment; Rural Environment / Rural Psychology; Technology- related Environment; Transportation / Travelling Environment; Urban Environment / Urban Psychology; Workplace Environment; etc.

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ComE 002

Study on Respondents' Awareness and Preparedness when Disaster Strikes: Case Study of Local Community in Cameron Highland, Pahang.

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Izawati Tukiman¹, Rahsidi Sabri Muda²**

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Abstract

Disaster disrupted human health, building, economic and environmental losses. While large catastrophes rarely occur, small disaster occurrence associated with natural hazards such as landslide, flood, drought and earthquake is reported to arise. Disaster risk management has consistently been a focus of Malaysia's development policy. As a result, various initiatives and programs are undertaken by local agencies in reducing disaster risk. However, many studies show that catastrophic events due to disaster could worsen without the awareness and preparedness of the local community. Review of the literature identified that the definitions of a community do not only confine to people of a certain location but also referring to the local authority, professional bodies, related stakeholders and non-government organizations. Thus, this paper intends to study the level of respondents' awareness and assess their level of preparedness in facing the disaster. Primary data was collected using the semi-structured questionnaire survey form. For sampling selection, the cluster sampling method is adopted where all the survey forms are distributed to 847 samples from 11 selected villages.

Software namely the Statistical Package for the Social Sciences (SPSS) is used to compute the feedback from respondents. Data analysis reveals that respondents' awareness is correlated with their experience with disaster and socio-economic background. The study also found out that majority of respondents were taken a significant action namely move to higher ground, save valuable belongings and warn others in the event of a disaster, however, some of them chose to do nothing and wait for a rescue team. Thus, the continuous engagement between the community and authorities, agencies and community leaders are recommended to strengthen the local community knowledge and awareness towards the disaster risk in their area. Community is at the main concern in the decision-making process and any implementation of disaster risk management activities. Therefore, their involvement is considered as paramount in this process, while the support from all stakeholders and government agencies are necessary to ensure the successful disaster risk management outcome.

Keywords: Disaster; Awareness; Preparedness; Local community

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