

CONFERENCE BOOK OF ABSTRACT PROCEEDING



**Venue: Novotel Barcelona Sant Joan Despi, Spain
Barcelona, Spain
Date: June 23-24, 2018**

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Book of Abstracts Proceedings

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ORGANIZING COMMITTEE

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CONFERENCE TRACKS

- Social and Community Studies
- Arts
- Humanities
- Civic and Political Studies
- Cultural & Global Studies
- Environmental Studies
- Organizational Studies
- Educational and Communication Studies
- Economics, Finance & Accounting
- Business and Management Studies
- Computer and Software Engineering
- Mechanical & Metallurgical Engineering
- Electrical & Electronics Engineering
- Civil Engineering
- Bio-Technology & Food Technology
- Chemistry & Chemical Engineering
- Physical, Applied and Life Sciences
- Interdisciplinary
- Medical and Health Sciences
- Paramedical Sciences
- Medicine Sciences
- Biological and Life sciences
- Veterinary Medicine and Sciences
- Food Science & Nutrition
- Agricultural sciences
- Interdisciplinary



CONFERENCE CHAIR MESSAGE

Dr. Vincent W Ho

“International Conference of Akademia Nusa Internasional ” is a platform that thrives to support the worldwide scholarly community to analyze the role played by the multidisciplinary innovations for the betterment of human societies. It also encourages academicians, practitioners, scientists, and scholars from various disciplines to come together and share their ideas about how they can make all the disciplines interact in an innovative way and to sort out the way to minimize the effect of challenges faced by the society. All the research work presented in this conference is truly exceptional, promising, and effective. These researches are designed to target the challenges that are faced by various sub-domains of the social sciences, business and economics, applied sciences, engineering and technology, health and medical sciences.

I would like to thank our honorable scientific and review committee for giving their precious time to the review process covering the papers presented in this conference. I am also highly obliged to the participants for being a part of our efforts to promote knowledge sharing and learning. We as scholars make an integral part of the leading educated class of the society that is responsible for benefitting the society with their knowledge. Let’s get over all sorts of discrimination and take a look at the wider picture. Let’s work together for the welfare of humanity for making the world a harmonious place to live and making it flourish in every aspect. Stay blessed.

Thank you.

Dr. Vincent W Ho

Conference Chair

Email: Conferencechair.ani@gmail.com



CONFERENCE SECHDULE

ANISSH-2018

Venue: Novotel Barcelona Sant Joan Despi, Spain

Time: Registration & Kit Distribution (09:00 - 09:30 am)

Day: Saturday

Date: June 23, 2018

Venue: Room 1

09:30 am - 09:40 am	Introduction of Participants
09:40 am - 09:50 am	Inauguration and Opening address
09:50 am - 10:00 am	Grand Networking Session

Tea/Coffee Break (10:00 - 10:30 am)



DAY 01 Saturday (June 23, 2018)

First Presentation Session (10:30 am - 01:00 pm)

Venue: Room 1

Session Chair: Dr Vincent W Ho

Presenter Name	Manuscript Title	Paper ID
Track A: Business, Economics and Management Studies		
Dr Tamer Darwish	The Impact of Leadership on Absorptive Capacity: New insights from the Middle East	ARSM-JUN-105
Chung-Hung Tsai	The Construction of the Performance Selection Model of the Hotel Disaster Resilience-Using the Balanced Score-card	ARSM-JUN-106
Natalia Szomko	The long- and short-term determinants of the capital structure of Polish companies	ARSM-JUN-107
Track B: Multidisciplinary Studies		
Prof. Kee Dae Kim	Plant Ecological Education for Elementary Schoolers in Korea	06-AEBS-101
Prof. Kee Dae Kim	An application and implications of animal respect education focused on relationships	06-AEBS-104
Track C: Engineering, Technology Computer and Applied Sciences		
Won Ho Kim	A Smoke Detection using Density of Smoke Region in Color Image	CEITS-JUNE18-B1005

Lunch Break & Ending Note:(01:00 pm - 02:00 pm)



Participants Registered As Listener/ Observer

The following Scholars/ practitioners who don't have any paper presentation, however they will attending the conference as delegates & observers.

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Dr. Chien Wen Yu

Bridgewater State University 95 Grove Street, Bridgewater, MA 02325, USA

Official ID: BAR-468-101MA

Dr Emma Renouf

Warrnambool Medical Clinic, Australia

Official ID: BAR-468-102MA

Quyen Su

4295 Village Centre Court Mississauga, ON



Conference Day 02 (June 24, 2018)

Second day of conference will be specified for touristy. Relevant expenses are borne by Individual him/herself.



TRACK A

BUSINESS, ECONOMICS AND MANAGEMENT STUDIES



The Impact of Leadership on Absorptive Capacity: New insights from the Middle East

*Dr Tamer Darwish

University of Gloucestershire, UK

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Keywords: Transformational, Transactional Leadership, Absorptive Capacity, Learning, Institutions, UAE.

In this paper, we investigate the impact of transformational and transactional leadership on the absorptive capability of firms within the institutional context of the emerging economy of the United Arab Emirates (UAE). Data for this study comes from a questionnaire administered to a randomly selected sample of managers from different sectors within the UAE. Structural equation modelling was used to analyse the data. Unlike some existing accounts from the Western world, the results indicate that both transformational and transactional leadership styles positively the learning processes of AC. More specifically, the results indicate that the transactional leadership style positively influences the exploratory and transformative learning processes, while the transformational leadership style positively affects the exploitative learning process. Given the unique institutional context under investigation, the uneven and loosely coupled institutional arrangements a common feature of petroleum-growth regimes reflect the need for leadership guidance. Hence, transformational and transactional leadership is critical to guide and support the learning processes in organisations in such an institutional environment. We draw out the implications for theory and practice.

The Construction of the Performance Selection Model of the Hotel Disaster Resilience-Using the Balanced Scorecard

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Keywords: Hotel Disaster Resilience, Balanced Scorecard (BSC).

Taiwan is in a vulnerable area, the hotel industry relies on Taiwan's special natural scenery is also associated with the ravages of disasters. Each hotel has its own contingency measures related to disaster prevention. However, the hotels tend to be different and the evaluation criterion of resilience is inconsistent, which leads to the lack of clear planning and evaluation of disaster prevention performance when the hotel conducts the disaster resilience performance evaluation. In this study, the four dimensions of Balanced Scorecard (BSC), including financial, customer, internal process, learning and growth, are used to evaluate the hotel disaster resilience performance evaluation model. Among them, the index of hotel disaster resilience performance evaluation mainly through literature analysis, content expert validity, and Structural Equation Modeling (SEM) to develop the scale and model so as to explore the causal relationship and effect of the hotel disaster resilience performance evaluation model. This is an empirical research. The area of the study is for the tourist hotels and general hotels in Kenting, Pingtung. a performance evaluation model of hotel disaster resilience may be set up to assess the disaster management of tourist hotels and general hotels. Meanwhile, the government agencies may formulate relevant disaster management strategies based on the index of hotel disaster resilience.

The Long- and short-term Determinants of the Capital structure of polish companies

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Keywords: Capital Structure, Debt Ratio, Pecking Order Theory, Trade-Off Theory.

The aim of this article is to assess the long-term and short-term influence of selected factors on the capital structure of the Polish companies. In the light of the trade-off theory and the pecking order theory, the main factors affecting the capital structure are identified. It should be noted that the theories in question disagree both in case of the set of determinants which influence the capital structure and the direction of the impact. Afterwards, the set of determinants are analyzed on the basis of previous empirical studies. They include, among others, growth opportunities, profitability, size, tangibility of assets, non-debt tax shield, median industry debt ratio and R&D expenditures. This study presents the differences between the short-term and long-term impact of the selected determinants on the capital structure. Taking into consideration the properties of the data describing capital structure, i.e. persistency of the debt ratios, two-dimensional residuals and endogeneity of the explanatory variables, it is argued that the Between and the Within fixed effects estimators can be used to assess the long term and short term impact of selected factors on the debt ratios of Polish companies. Moreover, the results of the estimation with the generalized method of moments estimators are presented for the comparison. The results of the study point that in both long and short run, the capital structure of Polish companies is influenced by profitability, tangibility of assets, non-debt tax shield, tax rate, business risk and liquidity. Growth opportunities, dividend payments, capital expenditures and financial deficit have a significant impact on debt ratios only in the long term, while size and industry median debt ratio play a significant role in the short term. The results of the study point out that both the direction and the magnitude of the impact of the factors under review may differ between the long term and short term. Therefore it can be stated that the dynamic specification of the capital structure models, based on the generalized method of moments estimators, may not be adequate to fully capture the mechanics of the capital structure determinants.

TRACK B
MULTIDISCIPLINARY STUDIES



Plant Ecological Education for Elementary Schoolers in Korea

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Keywords: Ecological Education, Korea, Ecoliteracy, Elementary School, Contents, Curriculum, Program.

We learn to get abilities to understand basic principles of ecology and live in harmony with ecosystem through ecological education. The goal of ecological education is to enhance ecological literacy, understanding ecological basic principles and living together with surrounding things. Ecological literacy includes understandings about how humans, society and ecosystem are related and how humans and society live sustainably. The elements of ecological literacy are composed of ecological knowledge, attitude toward ecology and ecological sensitivity. As a result of this study, ecological knowledge is classified according to basic ecological concepts and ecological principles and law, considering commons and differences. This book covers concepts and contents of ecological education, its goals, history, related curriculum, teaching and learning, evaluation method, and facilities and educational materials. And this book culminates with directions and prospects of ecological education. Ecological education is based on ecological principles inherently and is pursuit of life changes. The studies of teaching, curriculum and evaluation methods in ecological education are suggested.

An Application and Implications Of Animal Respect Education Focused On Relationships

^{1*}Prof. Kee Dae Kim,²Kyung Ok Seo

^{1,2}Korea National University of Education, Korea

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Keywords: Animal Respect Education, The Theory Of Global Life, Relationship, Global Life, Co-Life, Action Research.

The purpose of this study is to look for new way of animal respect education. The goal of animal respect education that the researcher explores is an educational method that respect an animal as a living creature and reconstruct the relationship between people and animals. The theory focused on the interdependent relationship between individual life and co-life was applied on the middle school. the possibility of theory in animal respect education applied to the class, after examining educational effects on the students. To confirm the change occurred in learners survey and in-depth interview were performed. Through the drawing of pigs co-life: the program of animal respect education created in the global life theory, learners express respect, thinking a pigs life and living from a the point of it, recognizing a pig should be treated as a living thing like a human being. A minimum standard unit to last phenomenon of life is the global life, the individual bio is individual life and the rest of the global life except the individual life is co-life. The global life is a self-sufficient unit and living system in which individual life harmonizes with co-life. According to the global life theory, people and animal are co-life of each other, and both are significant as a parts of the global life. Understanding of this interdependence leads to the respect to others. In this mean, understanding the life as the global life and the process to awaken relationship with various being who keeps a life are important to learners. Based on the Relationship between humans and animals, if learners who are interested in animals and who sympathize the suffering of animals and animal welfare are educated on their lives, the goal toward the education to respect animals, go the harmonious coexistence of humans and animals can be achieved on educational field. This study got an idea from co-life of the global life theory, then the animal respect education based on relativeness in co-life has a positive effect in that it made students reflect respect to animals and human society. However, it needs to be complemented by rigorous design of research methods so that life and rights of animals are not excluded in human society, and various methods of animal respect education are needed. In addition, in social aspect, the naturalness of animal and animal ethics restricted in modern society should be thoroughly considered and the law needs to be enacted to prevent animal abuse. Based on this study, animal respect education of relativeness should be more conducted. This study has discovered positive effects of the global life theory. Students were able to respect animals and reflect human society, after animal respect education based on co-life of the global life. However, it needs to be complemented by rigorous design of research methods.

TRACK C

ENGINEERING, TECHNOLOGY COMPUTER AND APPLIED SCIENCES



A Smoke Detection using Density of Smoke Region in Color Image

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Keywords: Image Processing, Smoke Detection, Fire Detection, Computer Vision.

In this paper, we propose a method to detect smoke in color image for early fire alarm. In proposed smoke detection algorithm, it analyzes smoke movements and smoke colors from input image frames, and using these characteristics, it segments and accumulates candidate smoke regions in interval of fixed time period. Finally, in the accumulated smoke image, the density of smoke regions is analyzed to determine smoke existence. As a result of computer simulation using test images, it showed correct smoke detection rate of 92.5% and confirmed practicality.

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outstanding contributions of individuals and organizations and also
Develop an effective and responsible platform by creating insightful knowledge
and inspiring minds in dialogue with the world around us.**



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