

PROCEEDINGS

EEMI-2019

**2nd International Conference on Environmental
Management, Engineering Technology,
Multimedia & Image Processing**

Venue: Hotel MyStays Shin-Osaka Conference Center, Japan

Osaka, Japan

Date: December 21-22, 2019



CONFERENCE BOOK OF ABSTRACT PROCEEDINGS

Consortium-ET

Consortium of Engineering & Technology



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Book of Abstracts Proceedings

2nd International Conference on Environmental Management, Engineering Technology, Multimedia & Image Processing (EEMI-2019)

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December 21-22, 2019
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Proceedings of the 22nd International Conference on Environmental Management, Engineering Technology, Multimedia & Image Processing

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*2nd International Conference on Environmental
Management, Engineering Technology, Multimedia &
Image Processing (EEMI-2019)*

Venue: Hotel MyStays Shin-Osaka Conference Center, Japan

Conference Theme: Forum for enhancement of research and developmental activities through networking and sharing ideas.



ADVISORY BOARD

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Conference Coordinator

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CONFERENCE TRACKS

- 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

CONFERENCE CHAIR MESSAGE

Michael Sasaoka

“International Conference of Consortium of Engineering & Technology” 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 and applied 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.

Michael Sasaoka

Conference Chair

Email: contact@consortium-et.com



CONFERENCE AGENDA

DATE: December 21-22, 2019

LOCATION: Hotel MyStays Shin-Osaka Conference Center, Japan
Event Title: 22nd International Conference on Environmental Management,
Engineering Technology, Multimedia & Image Processing (EEMI-2019)

Start Time

09:30 am - 09:40 am: Registration & Kit Distribution
09:40 am - 09:50 am: Introduction of Participants
09:50 am - 10:10 am: Inauguration and Opening address
10:10 am - 10:30 am: Grand Networking Session



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10:30 am 11:30 am: First Presentation Session

Room 1

Track A: Engineering, Technology Computer and Applied Sciences

Paper ID	Manuscript Title	Presenter Name
EEMI-DEC19-104	Synthesis of Collagen-Containing Anionic Waterborne Polyurethane	Guan-Yu Chu

Track B: Business, Social Sciences and Humanities

EBFS-DEC-106	The Effect of Corporate governance on Financial Performance of Financial Companies in The Stock Exchange of Thailand	Pornpawee Worasatepongsa
EBFS-DEC-110	Understanding the Chronology of Organisations Some Strategic Perspectives	Sayan Banerjee
EBFS-DEC-102	Researching on Creating Influences to Explore Customer Participation versus Value from Customers and Employees Perspectives: Taking Bank Professional Services as an Example	Chia-Wen Hung

Lunch Break & Ending Note (11:30 am - 12:30 pm)

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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.

Official ID: EEMI-DEC19-105A
Suduwali Kondage Poornika Wijerathna
ESOFT Metro Campus Sri Lanka

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Conference Day 02 (December 22, 2019)

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



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TRACK A

ENGINEERING, TECHNOLOGY AND APPLIED SCIENCES

Synthesis of Collagen-Containing Anionic Waterborne Polyurethane And Application of Pet Fabric Processing

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Taiwan, R.O.C, ²Graduate Institute of Materials Science and Nanotechnology, Chinese
Culture University, Taipei 11114, Taiwan, R.O.C
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Keywords: Polyurethane Waterborne PUPET Collagen.

This study synthesizes a series of waterborne polyurethanes (WPU) using polybutyl acrylate (PBA) as a soft segment. The properties of the aqueous solution and the hydrophilic effects of PET fabrics are determined by adding different contents of collagen (CLG) and different concentrations of waterborne PU. As the content of collagen (CLG) increases, the surface tension decreases, the contact angle decreases and the foaming height increases. HBDC-003 has the lowest surface tension, the lowest contact angle and the highest foaming height so HBDC-003 exhibits better penetration, diffusion and wetting. When PET fabric is subjected to hydrophilic processing, the height of vertical water absorption and the time for water droplets to disappear improved for HBDC-003.



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TRACK B

***BUSINESS, ECONOMICS, SOCIAL SCIENCES AND
HUMANITIES***

Researching on Creating Influences to Explore Customer Participation versus Value from Customers and Employees Perspectives: Taking Bank Professional Services as an Example

*Chia-Wen Hung

National Kaohsiung University Of Science And Technology

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Keywords: Customer Participation, Customer Satisfaction, Employee Job Satisfaction, Loyalty, Organizational Commitment, Emotional Intelligence

Emerging marketing perspectives show that customer engagement creates new opportunities for value creation. This study describes and develops hypothesis verification. In the context of Taiwan's professional financial services, it explores the impact of customer engagement on value creation and satisfaction from the perspective of customers and employees, and analyzes the effects of different customers abilities and employees emotional intelligence. Using data collected from 383 pairs of customers and professional financial advisors from several public sectors banks and private banks in Taiwan, this research examines (1) how customer engagement affects customer satisfaction and employee job satisfaction through relationship value creation; (2) how customer capabilities affect value creation and Satisfied with the relationship between the two; (3) How the employee's emotional intelligence affects the relationship between relationship value creation and job satisfaction. The empirical tests that this research uses to examine the hypotheses are Amos 18.0 of Structural Equation Modeling (SEM) and SPSS 18.0 to examine the hypothesis. The research findings are as follows: 1.Customer participation influences customer satisfaction through relationship value creation. 2.Customer involvement does not fully create positive employee relationship values, which may increase work stress. 3.Interference results show that customer ability can promote customer satisfaction; but employee emotional intelligence does not necessarily affect the relationship between employee relationship value creation and job satisfaction.

The Effect of Corporate governance on Financial Performance of Financial Companies in The Stock Exchange of Thailand

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Keywords: Corporate Governance, Financial Performance, SET

Corporate governance is an important part of creating good corporate culture of transparency and openness. The purposes of this study was to investigate the impact of corporate governance mechanisms on the financial performance of companies listed on SET. The study uses a sample that consists of 70 financial companies; bank 11 companies and non-bank 59 companies for the period 2013-2018. Multiple regression was used for data analysis. The results revealed that board accountability (BA) transparency (TP) and audit committee (AC) have a significant impact on firms performance measured by ROE. Moreover, the audit committee (AC) has insignificant impact on firms performance measured by Tobins Q was statistically significant level at 0.05.

Understanding the Chronology of Organisations Some Strategic Perspectives

*Sayan Banerjee

Chandragupt Institute of Management, Patna

Corresponding Email: molebiol@gmail.com

Keywords: Work-life balance, Job satisfaction, Attitude toward work, Organization Culture, Engagement

The aim of this paper is to give future researchers in the field of management specifically strategic management and organisational designing to understand the evolution of theories pertaining to understanding of organisations. The first distinction of organisations based on their intent of selling their products in different countries irrespective of any trajectory, was given by Bartlett & Ghoshal (1989) whereby a clear cut delineation was understood by their conceptualisation of multinational, global and international companies. However because of increase in competition or other extraneous factors the distinction between MNCs, global etc got blurred and as Ghemawat opined through triple As that it was a combination of both aspects of multinationalism or globalism or internationalism that got incorporated into each A in triple A or Triple D which is a natural advanced correlate of Triple A. Thus this paper is about understanding how the framework by which we understand organisations have also changed in strategic management literature. The paper is still in the pre writing stage whereby an attempt will be made to correlate the different facets as discussed above with different aspects of organisational designing. Hence the methodology as of now is to scavenge the literature and from existing literature an attempt has been made to understand the evolution of the same. This is a non empirical conceptual paper whose main intent is to provoke the researchers to have a wider perspective while collating variables from strategy and organisational designing.

UP COMING EVENTS

You can find the details regarding our upcoming events by following below:

<http://consortium-et.com/upcoming-events/>

MISSION

To disseminate knowledge and help scholars, practitioners and administrators to promote the high quality research.

