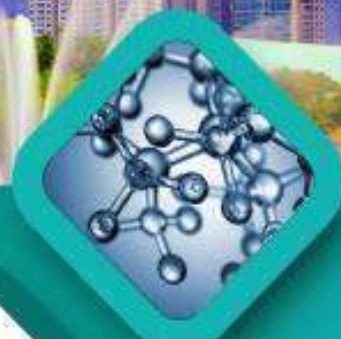


Promoting Innovative Multidisciplinary Research  
for Sustainable Development

# ICSESS



17 - 18 May  
**2017**

## Proceedings of 3rd International Conference of Science, Engineering and Social Sciences

### Collaborators:



### EDITORS IN CHIEF

- Y. A. Dodo
- E. B. Ogunbode
- E. I. Egba

### Corporate Partners:



## Proceedings of

The 3rd International Conference of Science, Engineering and Social Sciences  
(ICSESS'17)

## Published by

International Student Society-Nigeria  
Universiti Teknologi Malaysia,  
81310 Johor Bahru,  
Johor, Malaysia.

© International Students Society-Nigeria Universiti Teknologi Malaysia 2017

ISBN 998-978-58482-3-5

<b>Editors-in-chief:</b>	Dr. Yakubu Aminu Dodo
	Dr. Ogunbode Ezekiel Babatunde
	Dr. Egba Ernest Ituma
<b>Editors:</b>	Dr. Opaluwa Yusuf Drisu
	Mr. Samuel Moveh
	Mr. Bruno Tanko Lot
	Dr. Nur Hafizah Khalid
	Dr. Kayode Ibrahim Adenuga
	Mr Aliyu Isah Chikaji
	Dr. Nasiru Zakari Muhammad
	Dr. Azman Mohammad
	Dr. Bemgba Bevan Nyakuma
	Dr. Ola-awo Wasiu Adeniran
	Dr. Ajeigbe Sunday O
	Dr. Bosede Iyinade Edwards
	Mr Aliyu Muhammad Aliyu
	Mr. Olugbenga David Taiwo
	Mr. Atilola Moses Idowu

No responsibility is assumed by the Publisher for any injury and/or any damage to persons or properties as a matter of products liability, negligence or otherwise, or from any use or operation of any method, product, instruction, or idea contained in the material herein.

Copyright © 2017 by **International Students Society-Nigeria Universiti Teknologi Malaysia**. All rights reserved.

This publication is protected by Copyright and permission should be obtained from the publisher prior to any prohibited reproduction, storage in a retrieval system, or transmission in any form or by any means, electronic, mechanical, photocopying, recording, or likewise.



## CONTENTS

Contents		iii
Preface		vi
Organizing Committees		vii
No	Title/Author	Page
	EARTH AND ENVIRONMENTAL SCIENCES	
1	INTERPRETING NIGERIAN ARCHITECTS' AND DESIGNERS' ENVIRONMENTAL AWARENESS IN DECISION- MAKING PROCESS OF LOCAL BUILDING MATERIALS (LBMS) SELECTION Liman A. Saba, Mohd Hamdan Ahmad, Roshida Binti Abdul Majid	2-4
2	STAKEHOLDERS' PERSPECTIVES OF FUTURE DESIGN OPTIONS FOR A ROOFTOP SOLAR PV SELF- CONSUMPTION SCHEME IN THAILAND Kokchang K., Tongsopt S., Junlakarn S., Wibulpolprasert W., Tossabanyad M.	5-7
3	ANALYSIS OF RESIDENTS' SATISFACTION IN ABUJA RESIDENTIAL POLICE BARRACKS, NIGERIA Sulyman O. A., Medayese S.O., Olusegun S.O.	8-10
4	MODELLING THE PRACTICE OF VALUE MANAGEMENT IN THE CONSTRUCTION INDUSTRY Bruno L. Tanko, Fadhlin A., Zuhaili M. Ramly, Jurbe J. M., Wallace I. Enegbuna	11-14
5	LEACHING OF LEAD (PB) FROM PETROLEUM SLUDGE TREATMENT BY USING SOLIDIFICATION/STABILIZATION METHOD Noorafizah Binti Murshid, Nor Amani Filzah Binti Mohd Kamil, Aeslina Abdul Kadir	15-17
6	COMPARATIVE STUDY OF THE EFFECT OF ORIENTATION ON COURTYARD MICROCLIMATE IN KAFANCHAN- NIGERIA Markus B., Malsiah B. H., Lim Y. W., Modi S. Z.	18-20
7	THE CRITICAL SUCCESS FACTORS OF PUBLIC-PRIVATE PARTNERSHIP FOR HOUSING DELIVERY IN Nigeria Muhammad Zayyanu, Foziah Johar, Jiman Chado, Baba A. Ndalai	21-23
8	DURABILITY OF BAMBOO AS REINFORCEMENT FOR CONCRETE Muhammad U. F., Wan Mohd Zakri Wan Abdullah	24-25
9	SOLUTION OF EMISSIONS: EMBODIED CARBON MEASUREMENT OF A TRADITIONAL METHOD OF CONSTRUCTION (TMC) AS AN INDEX FOR SUSTAINABILITY Liman A. Saba, Mohd Hamdan Ahmad, Roshida Binti Abdul Majid, Ahmed Y.	26-28
10	ENVIRONMENTAL PERFORMANCE AND CORPORATE VALUE : MODERATING ROLE OF CORPORATE GOVERNANCE CHARACTERISTICS OF LISTED COMPANY IN INDONESIA Sri Daryanti Zen, Aza Azlina Md Kassim	29-31
11	ENERGY EFFICIENCY IN NIGERIAN GOVERNMENT OFFICE SPACES: DAYLIGHTING AS A STRATEGY Abimaje J., Mohd Zin Bin Kandar, Yakubu A. Dodo, Williams O. Samuel	32-34
12	AN INVESTIGATION OF INFLUENCING FACTORS ON INDOOR ENVIRONMENTAL QUALITY IN MARGINALIZED URBAN PRECINCT Sadia Afrin and Sohail Rana	35-37
13	CAUSES OF LOW SKILLED WORKERS' PERFORMANCE IN CONSTRUCTION PROJECTS Alhaji A. Zannah, Aryani A. Latiffi, Abdulazeez U. Raji, Abdullahi A. Waziri, Usman M.	38-40
14	RED LIGHT RUNNING: CHALLENGES AND IMPLICATIONS IN MINNA, NIGERIA Sulyman, A.O., Medayese S.O., Abd'razack N.T.A.	41-43
15	ASSESSMENT OF VARIABLES AFFECTING INNOVATIONS IN THE NIGERIAN CONSTRUCTION INDUSTRY Jacob A. Awolesi	44-45
16	CONTRAVENTION OF PLANNING REGULATIONS BY INFORMAL ECONOMIC ACTIVITIES IN PUBLIC HOUSING Adams N. Baba, Zayannu M., and Olugbenga D. Taiwo	46-48
17	IDENTIFYING CRITICAL SUCCESS FACTORS FOR ACHIEVING SCHEDULING PERFORMANCE IN PARTNERING PROJECTS Ola-awo A. Wasiu, Roslan Bin Amirudin, Alumbugu P. Olaku, Saidu I.	49-51
18	REVIEW OF THE CONCEPT OF RESIDENTIAL SEGREGATION IN JOS CITY, NIGERIA Rasheed O. Oladosu, Ahmad Nazri B. Muhamad Ludin, Siyaka A. Arudi	52-54
19	Dynamic Web for Online Delivery of Cadastral Services for Land Registration in Nigeria Babalola S. O., Abdul Rahman A., Choon L.T, Tata H	55-57
20	EVALUATION OF MASS HOUSING SCHEME AS A STRATEGY OF SOCIAL HOUSING IN ABUJA, NIGERIA Rasheed O. Oladosu, Siyaka A. Arudi	58-60
21	INVESTIGATING DRIVERS AND BARRIERS TO WHOLE LIFE COSTING BY QUANTITY SURVEYING FIRMS IN KADUNA STATE, NIGERIA Abdulkadir B. Lawal, Sani A. Sarki, Abdullahi S. Halidu	61-62
22	REVIEW OF BUILDING CONSTRUCTION ACCIDENTS: CONCEPT, CASES, CAUSES, CONSEQUENCES AND CONTROL MEASURES Williams O. S., Razali Bin Abdul Hamid, Mohd S. M., Abimaje J., Yakubu A. D., Taki E. S.	63-65
23	COMMERCIAL BANKS REAL ESTATE FINANCE CHALLENGES: A CASE OF NIGERIA Anthonia O. Adediran, Hishamuddin M. Alia, Moses I. Atiola	66-68
24	USERS' SATISFACTION AND MANAGEMENT PRACTICES OF TOURISM DESTINATIONS IN ONDO STATE, NIGERIA Adeyemi O. Omowumi, Olugbenga D. Taiwo, Adeyemi B. Akin	69-71
25	STANDARD FORM OF CONTRACT AND CONTRACTUAL BEHAVIOR IN CIVIL ENGINEERING WORKS Ahmad Arzlee Hassan, Hamimah Adnan, Wan Norizan Wan Ismail, Norazian Mohamad Yusuwan and Mysarah Maisham	72-74
26	APPLICABILITY OF GLOBAL PRESSURE AND TEMPERATURE MODEL (GPT2W) FOR GPS METEOROLOGY IN PENINSULAR MALAYSIA Opaluwa Y. D., Musa T.A., Omar K., Samaila-Ija H. A., Izah N. L.	75-77
27	INDOOR ENVIRONMENTAL QUALITY (IEQ) PERFORMANCE ASSESSMENT IN HOSPITAL BUILDINGS: FACTORIAL VALIDITY AND INVARIANCE AMONG THREE OCCUPANT GROUPS Pontip S. Nimlyat, Mohammed G. Abdulahi, Zin M. Kandar, Umar A. Audu	78-80
28	A BRIEF STUDY ON SURVEY OF HOUSING POLICIES IN NIGERIA AND MALAYSIA Amamata L. Z., Anosike D., Abbas S.E., Bilikisu A. A.	81-84
29	FACTORS IMPEDING IMPLEMENTATION OF BOT HIGHWAY PROJECTS IN NIGERIA Jonathan K. Fabi, Razali, A. Hamid, Muzani Mustapa	85-87
30	COOLING EFFECTS OF VEGETATED COURTYARD OF MID-RISE BUILDINGS IN TROPICAL CLIMATE Modi S. Zango, Lim Y. Wah, Luqman G. M., Abdullah I. A., Abdullahi S., Markus B.	88-89
31	A COMPARATIVE STUDY ON THE ROLE OF PRIVATE PARTNERSHIP PARTICIPATION IN INFRASTRUCTURAL DEVELOPMENT: A CASE STUDY OF NIGERIA AND MALAYSIA Amamata L. Zakari, Abbas Sa'id El-Nafaty, Anosike Dominion, Faizah M. Bashir	90-92
32	PROBLEMS ASSOCIATED WITH THE IMPLEMENTATION OF PRIVATE PARTNERSHIP IN FINANCING INFRASTRUCTURE IN NIGERIA Amamata L.Z., Hafsatu J.B., Jambil S.Z.	93-96



No	Title/Author	Page
	<b>ENGINEERING</b>	
33	POTENTIAL OF FRP STRENGTHENING OF MARINE RISER: DYNAMIC BEHAVIOR AND FATIGUE DAMAGE A. B. M. Saiful Islam	98-101
34	SMALL-SCALE PALM OIL PROCESSING IN WEST AND CENTRAL AFRICA: DEVELOPMENT AND CHALLENGES Hassan, M. A., Njeshu, G., Raji, A., Zhengwuvi, L., Salisu, J.	102-104
35	OXY-FUEL COMBUSTION CHARACTERISTICS OF FUEL-GRADE PETROLEUM COKE FOR ENHANCED ENERGY RECOVERY Bemgba Bevan Nyakuma, Moveh Samuel, Olagoke Oladokun, Muhamad Arif Misset	105-107
36	PROCESS SIMULATION OF BIS (2- HYDROXYETHYL) TEREPHTHALATE AND ITS RECOVERY USING TWO – STAGE EVAPORATION AND CRYSTALLIZATION SYSTEMS Ademola B. Raheem, Azman Bin Hassan, Zainura Z. Noor, Sani Amril Bin Samsudin, Mohd Kamaruddin Abd Hamid, Ahmad S., Aliyu A. B., Olagoke Oladokun, Ali H. S.	108-111
37	SUSTAINABLE NEIGHBOURHOOD ELEMENTS (GREY ELEMENTS) FOR THE HIGH RISE LOW COST HOUSING IN MALAYSIA Noraziah W., Rosli M. Zin, Vikneswaran M., Ismail M., Syahrizan J., Saeed B.	112-113
33	IMPLEMENTATION OF BUILDING INFORMATION MODELING IN CONSTRUCTION PROJECT: HOW PREPARED ARE SUBCONTRACTORS IN SAUDI ARABIA? Mahmoud Sodangi	114-118
36	RECIPROCATING COMPRESSOR VALVES CONDITION CLASSIFICATION USING ACOUSTIC EMISSION PARAMETERS AND BACK PROPAGATION NEURAL NETWORK Salah M. Ali, K.H. Hui, L.M. Hee, M. Salman L., Mahdi A. Al-Obaidi and Ahmed M. A.	119-121
37	FEATURES OF CHICKEN SLAUGHTERHOUSE WASTEWATER A.Y. Maizatul, R.M.S.R. Mohamed *, A.A. Al-Gheethi, N.M. Jais and A.H. Mohd Kassim	122-124
38	MODELING OF COPPER (II) IONS ADSORPTION ONTO TREATED RICE HUSK USING FIXED-BED MODE Abdurrahman G., Hatijah Basri, Umar Hayatu Siddiq and AbdulRasheed A.	125-127
39	ELECTRICAL ENERGY CONSERVATION AND ENERGY AUDITING IN A BUNGALOW RESIDENTIAL BUILDING IN ABUJA, NIGERIA Akanmu, W.P., Ojobo, C.O.	128-132
	SEED GERMINATION OF MUNG BEAN ON DIFFERENT VERMICOMPOST EXTRACTS OF PALM OIL WASTES Rupani P.F., Embrandiri A., Ibrahim M. H., Lee C.T.	133-137
40	IMPROVEMENT OF SAUDI ARABIAN SAND WITH ENVIRONMENTAL FRIENDLY ADDITIVES Zaheer A. Kazmi	137-139
41	THE INFLUENCE OF SILICON CARBIDE PARTICULATE LOADING ON TENSILE, COMPRESSIVE AND IMPACT STRENGTHS OF AL-SiCP COMPOSITE Hassan, M. A., Ofor, T.C. Babakano, A., Moveh, S.	140-143
42	EFFECT OF NOISE AND MEASUREMENT DISTANCE ON WAVELET TRANSFORM-BASED DAMAGE DETECTION Muyideen Abdulkareem, Najiyu Abubakar, Ogunbode E. B., Egba E.I.	144-145
43	COST ESTIMATION APPROACHES FOR INDUSTRIALISED BUILDING SYSTEMS Mohamed M. Gulamhussein Moledina, Goh W. Pin, Wallace I. Enegbuma	146-148
44	IMPLEMENTATION OF AN EARLY DROWNING DETECTION SYSTEM FOR IOT APPLICATIONS Muhammad Ramdhan M. S., Paulson E. N. and Kamaludin M. Y.	149-151
45	IDENTIFICATION OF DOWNTIME INFLUENCE FACTORS TO NAVAL SHIP OPERATIONAL AVAILABILITY FOR SUSTAINMENT OF NAVAL FORCE Al-Shafiq bin Abdul Wahid, Mohd Zamani bin Ahmad, Sunarsi, Mohd Najib bin Abdul Ghani Yolhamid, Mohamad Abu Ubaidah Amir Abu Zarim, Aisha binti Abdullah and Nur Hanani bt Ahmad Azlan	152-154
46	SETTING TIME OF SELF-COMPACTING CONCRETE MADE WITH GUM ARABIC AS A PLASTICIZER Zakka P.W., Tok D.Y., Ogunbode E. B., Maxwell S. S., Ndanusa W.F., Ogolo J.I.	155-157
47	SEVERITY OF DOWNTIME INFLUENCE FACTORS IMPACTING NAVAL SHIP OPERATIONAL AVAILABILITY – A FIVE-STAGE DELPHI CONSENSUS PROCEDURE WITH SNOWBALLING TECHNIQUE Al-Shafiq bin Abdul Wahid, Mohd Zamani bin Ahmad, Sunarsi, Mohd Najib bin Abdul Ghani Yolhamid, Mohamad Abu Ubaidah Amir Abu Zarim, Aisha binti Abdullah, Nur Hanani bt Ahmad Azlan	158-160
48	MECHANICAL PROPERTIES OF ABANDONED REINFORCEMENT STEEL BARS IN UNIVERSITY OF JOS Zakka P.W., Tanko B.L., Tok D.Y., Maxwell S. S., Kure M.A., Ndanusa W.F.	161-163
49	OPTIMIZED CELL SELECTION FOR HMP BASED HANDOVER Safa E. Abdalla, Sharifah H. Syed Ariffin	164-166
	<b>EDUCATION, HUMANITIES, AND SOCIAL SCIENCES</b>	167
50	GLOBAL DEVELOPMENT IN SCIENCE, TECHNOLOGY AND MATHEMATICS EDUCATION: AN APPRAISAL OF SCIENCE TEACHING IN KATSINA STATE, NORTH WEST-NIGERIA Suleiman S. Matazu, Elizabeth Julius	168-171
51	THE RELATIONSHIP BETWEEN SELF-EFFICACY AND STRESS COPING STRATEGIES OF TEACHERS IN NATIONAL CHINESE PRIMARY SCHOOL IN JOHOR BAHRU Tan Ju Keng, Helen Tan Sui Hong	172-174
52	INFLUENCE OF INQUIRY AND TRADITIONAL METHODS OF TEACHING MATHEMATICS ON THE ACADEMIC PERFORMANCE OF SECONDARY SCHOOL STUDENTS IN SOKOTO STATE, NORTH-WEST NIGERIA Elizabeth Julius and Abdul Halim Abdullah	175-178
53	INNOVATIVE STRATEGIES FOR IMPROVING THE TEACHING AND LEARNING OF PRACTICAL AGRICULTURAL SCIENCE AT THE SECONDARY SCHOOLS Ndem J. U, Ogba E. I., Aneke C. U., Udensi E. O, Okpara C.M	179-182
54	USAGE AF INFORMATION TECHNOLOGY IN TECHNICAL AND VOCATIONAL TRADES FOR EFFECTIVE WASTE MANAGEMENT Augustina Chinweoke Anyigor-Ogah, Ernest Ituma Egba	183-185
55	COMPUTATIONAL THINKING IN ENGINEERING EDUCATION: A REVIEW AND DIRECTION FOR RESEARCH Charles A. N. Johnson, Moh'd Fadzil Bin Daud and Mahyuddin Bin Arsat	186-188
56	EVALUATION OF CONTROL AND ACCOUNTABILITY INSTRUMENTS OF CIVIL SERVICE IN NIGERIA AND BRITAIN Muhammad Abdullahi, Chikaji, A.I.	189-191
57	THE RELATIONSHIP OF FUND CAMPAIGN TOWARD SEAT WON ON HOUSE OF REPRESENTATIVES IN INDONESIA Lita Kusumasari, Shita Lusi Wardhani	192-194
58	PERSONALITY ANTECEDENTS OF STATUS CONSUMPTION Zia ur Rehman and Rohaizat Baharun	195-196
59	THE MODERATOR ROLE OF ECO-INNOVATIVE PREVENTIVE PRACTICES Al-Samet M.A., S. Masa Goto, Al-Dubai M.M.M., Mazen Farea, Zakarya Alhodiyan	197-199

No	Title/Author	Page
	<b>COMPUTING AND SCIENCES</b>	<b>200</b>
60	A DIGITAL TECHNOLOGY FRAMEWORK FOR PROMOTING NUTRITIONAL/HEALTH BENEFITS OF WEST AFRICAN DIET Idris O. Muniru*, Nalweyiso Shifulah, Oluwatomilayo O. Petinrin, Nugraha P. Utama	201-203
61	INFLUENCE OF DY3+ ON PHYSICAL AND OPTICAL BEHAVIOR OF CALCIUM SULFO-PHOSPHATE GLASS Aliyu M. Aliyu, R. Hussin, Karim Deraman, S.A. Dalhatu and Y. A.Yamusa	204-206
62	PERFORMANCE ANALYSIS OF HEURISTIC ALGORITHMS IN WORKFLOW SCHEDULING ON IAAS CLOUD COMPUTING ENVIRONMENT Salihi Idi Dishing, Md Asri Ngadi and Mohammed Abdullahi	207-209
63	TEACHERS AS GUIDE ON THE SIDE: STUDENTS PERSPECTIVE ABOUT THE PEDAGOGY Ireti H. Ajayi, Noorminshah A.I., Norasmita Ahmad	210-212
64	TELEMEDICINE ACCEPTANCE AMONGST NIGERIAN CLINICIANS: INTRA -ORGANIZATIONAL AND INTER-ORGANIZATIONAL ISSUES. Kayode I. Adenuga, Noorminshah A. Iahad and Suraya Miskon	213-215
65	MOBILE COMPUTING BASED ON CONTEXT-AWARE IN HIGHER INSTITUTIONS: A CRITICAL REVIEW Aliga P.A., Sadiq, F.I. and Ojieabu E.C.	216-219
66	FINGER-VEIN FEATURE EXTRACTION USING SLANTLET TRANSFORM AND ITS APPLICATION TO PERSONAL RECOGNITION Kayode A. Akintoye, Mohd Shafry Mohd Rahim and Abdul Hanan Abdullah	220-222
67	A RELIABILITY INVESTIGATION OF MODIFIED UTAUT MODEL FOR MOBILE COMMERCE USAGE IN MALAYSIA Mohamad A. Alrawi, Samy G.N. and Yusoff R.C.M.	223-224
68	FINITE ELEMENT AND FINITE DIFFERENCE NUMERICAL SIMULATION COMPARISON FOR THE SOLUTION OF ONE DIMENSIONAL BOUNDARY VALUE PROBLEM Olaiju O.A	225-227
69	LIQUID CHROMATOGRAPHY FOR THE DETERMINATION OF CHITIN IN PATHOGENIC FUNGAL ISOLATES Ahmad Sh. A. Lafi, Fahrul H., Jacinta S. , Tzar Mohd Nizam Khaithir, Nur Fashya M.	228-230
70	BIOCATALYTIC DESULFURIZATION OF SOUR CRUDE OIL Bushra E. A., Adibah Y., Norahim A., Birintha G.	231-233
71	PSB QUASI-NEWTON UPDATE AND ITS GLOBAL CONVERGENCE FOR SOLVING SYSTEMS OF NONLINEAR EQUATIONS M. K. Dauda, Mustafa Mamat, Fatma Susilawati Mohamad, M.Y. Waziri	234-237
72	AN OVERVIEW OF INFORMATION SECURITY GOVERNANCE FRAMEWORKS IN CLOUD COMPUTING Muhaned AL-hashimi, Marini Othman, Hidayah Sulaiman, Mohanaad Shakir, Waheeb Abdel Rahman Abu-UIbeh	238-245
73	RADIOLOGICAL EFFECTS DUE TO NATURAL RADIOACTIVITY IN SOIL OF KELANTAN, MALAYSIA Nuraddeen Nasiru Garba, Ahmad Termizi Ramli, Muneer Aziz Saleh	246-248
74	IMPACT OF GREEN BUILDING ON VALUES OF COMMERCIAL PROPERTIES IN ABUJA Alhassan A.A.	249-251
75	STUDY ON SCREENING, OPTIMIZATION, PARTIAL PURIFICATION AND CHARACTERIZATION OF PROTEASE FROM MARINE ALGAE Sani, I and Salisu, B.S	252-254
76	SOLID-STATE SYNTHESIS, CHARACTERIZATION AND ANTIMICROBIAL STUDIES OF NI (II), CO (II) AND CU (II) COMPLEXES 1-(4-NITROPHENYL)IMINO[METHYL]NAPHTHALEN-2-OL, Muhammad M. and Kurawa, M.A.	255-257
77	ATTAINING SUSTAINABLE DEVELOPMENT GOALS THROUGH MASS HOUSING Alhassan A. A.	258-264
78	PRODUCTION AND PARTIAL PURIFICATION OF AMYLASE ENZYME FROM MARINE ACTINOBACTERIA. Salisu B.S.	262-264



**ICSESS2017**  
*3rd International Conference of Science, Engineering and Social Sciences*  
*Universiti Teknologi Malaysia 17 -18 May 2017*

## **The Relationship of Fund Campaign Toward Seat Won on House of Representatives in Indonesia**

**Lita Kusumasari<sup>1</sup> and Shita Lusi Wardhani<sup>2</sup>**

<sup>1</sup>Accounting, STIE YKPN School of Business, Yogyakarta, Indonesia  
 (E-mail: Lkusumasari@yahoo.com)

<sup>2</sup> Management, STIE YKPN School of Business, Yogyakarta, Indonesia  
 (E-mail: lusi.wardhani@gmail.com)

### **ABSTRACT**

Fund campaign is always critical due to money politics. Political parties with higher profile of fund campaign will have advantages towards others to win the seat. On the other side, voters can decide whether the political parties would be corrupt in the future or not based on the revenue and spending. The research aim is to analyze whether there is relationship between fund campaign and seat won by house of representatives in Indonesia. The population is 12 political parties and was analyzed using multiple regression. There is significant relationship between fund campaign and seat won in house of representatives of Indonesia. The fund campaign consists of sources from political parties, candidates, individual donators, group and company donators. Only candidates and individual donators have significant relationship to the seat won. Based on the finding, the government should regulate the maximum spending on campaign to avoid money politics.

**Keywords:** fund campaign, fund campaign sources, seat won, candidates fund

### **INTRODUCTION**

Indonesia has been through reformation since 1998 with the fall of President Suharto. His regime was characterized by impressive rapid and sustained economic growth but also well-known for its corrupt nature. The first general election after reformation was in 1999. General Election Commission (KPU) was born to regulate fair election. The responsibilities include deciding which parties can contest elections, organizing the voting and announcing the results and seat won in the various branches of the government. Including the task is set up regulation for campaign and fund campaign accounting (Wikipedia, 2017). The demand for reform ushered in new leaders who had pledged to fight for a democratic government and for an end to corruption, collusion and nepotism (KKN). Progress was made on several fronts. In Suharto era, there were only three parties with Golkar as a ruling one. After reform there were growing number of political parties. There were 12 parties in the general election to vote the house of representatives in 2014.

Tremendeous effort has been made since reform to diminish corruption, collusion and nepotism. It gave enlightening era that according to corruption perception index 2016, Indonesia is number 90 with score of 37 and rise up from 36 in 2015. The position is still under the average of global which is 43 (Corruption perception Index, 2016). There is a big urge from the Indonesian people to eradicate corruption in Indonesia. The popular urge to tackle corruption means that being anti-corrupt is actually an important vote-gainer for aspiring politicians. Being involved or mentioned in a graft case can seriously damage a career as popular support declines.

Financing is at the core of party and candidates activities. The way funding is organized has a huge impact on internal party structures (Ufen, 2014). Most parties have underdeveloped internal structures that leave them vulnerable to unethical practices (Manikas and Thorton, 2003). Most parties have not yet developed well-defined rules or policies, or internal disciplinary mechanisms, for regulating the conduct of their members. They also lack of clear procedures for raising and spending funds.

Financing is at the core of party and candidate activities. The way funding is organized has a huge impact on internal party structures. A transparent, rule-based financing will lead to accountability. There are some criticized on funding such as under-reported party campaign, financial regulations should be reviewed and regular audit has not be conducted properly, still the fund campaign reporting is important. It is resemble of accountability and transparency. The report shows the revenue from the donors and the expense incurred. Voters can decide whether the political parties would be corrupt in the future or not based on the revenue and spending.

People associates to win the campaign, candidates will play money politics. The higher the fund campaign will lead to the higher seat won. People may choose based on others such as religion, figure candidate, or program offered but money still play great roles. Candidates and political parties with extra resources will more easily to socialize program using social media, television, and general meeting. There is still famous under table of giving money to buy votes although it is illegal.

Based on the premise above, the research will conduct is there any relationship between fund campaign resources toward seat won on house of representatives.

## MAIN RESULTS

The population of political parties in Indonesia is 12. The fund campaign sources are divided into political parties, candidates, individual donators, group donators, and company donators. The relationship between seat won on house of representatives (dependent variable) and campaign sources (independents variables) will be analyzed using multiple regression with  $\alpha = 5\%$ .

The hypothesis are

Ho = There is no relationship between fund campaign sources toward seat won on house of representatives

Ha = There is relationship between fund campaign sources toward seat won on house of representatives

The result of regression can be seen on table 1.

Table 1. Result of regression

Model Summary						
R <sup>2</sup>		0.848				
Std. Error		17.62				
F		6.72				
Sig		0.19				

Coefficients <sup>a</sup>						
Model		Unstandardized Coefficients		Standardized Coefficients	t	Sig.
		B	Std. Error	Beta		
1	(Constant)	-6.872	12.322		-.558	.597
	polparties	3.109E-11	.000	.026	.102	.922
	candidates	2.988E-10	.000	1.036	2.760	.033
	individual	-8.113E-9	.000	-.588	-2.883	.028
	group	-2.634E-10	.000	-.061	-.195	.852
	company	1.288E-9	.000	.338	1.556	.171

a. Dependent Variable: seat

Based on the result, the value of F is 6.720 higher than critical F of 4.39. The Ho is rejected. There is relationship between fund campaign sources toward seat won on house of representatives and it is significant. Look at the R<sup>2</sup>, The fund campaign can describe 84.8% of seat won on house of

representatives.

The fund campaign sources of candidates and individual donators are significant, while sources from political parties, group and companies donators are not. It can be seen from t coloumn. The critical t is 2.447 and candidates fund and individual donators have t value higher than critical t. Those are significant.

## CONCLUSION

Fund campaign will always be scrutinized as tool to win the seat on house of representatives in Indonesia. Voters can decide whether the political parties would be corrupt in the future or not based on the revenue and spending. There is relationship between fund campaign sources toward seat won on house of representatives. It can be concluded that political parties with high profile of fund will have advantage toward others. Government should regulate the maximum spending on campaign so that there will no race on money politics. The future research can explore more on the relationship between candidates fund campaign toward the winning seat.

## Acknowledgment:

The authors would like to express their appreciation for the support of the Indonesian Higher Education Ministry (DIKTI) for supporting this research on competitive research grants scheme.

## REFERENCES

- Corruption perception Index (2016). Retrieved May 8, 2017 from  
[http://transparency.org/news/feature/corruption\\_perception\\_index\\_2016](http://transparency.org/news/feature/corruption_perception_index_2016)
- Manikas, P. M., & Thorton, L. L. *Political Parties in Asia Promoting Reform and Combating Corruption in Eight Countries*. United States of America: National Democratic Institute for International Affairs 2003.
- Ufen, A. *Funding of Political Parties and Election Campaigns*. International IDEA, Sweden. 2014.
- Wikipedia. (2017, April). Retrieved April 12, 2017, from Wikipedia:  
[https://id.wikipedia.org/wiki/Komisi\\_Pemilihan\\_Umum](https://id.wikipedia.org/wiki/Komisi_Pemilihan_Umum)