## EWOM EFFECT ON INTENTION TO VISIT RAJA AMPAT PAPUA

(Theory of Planned Behavior)

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**ABSTRACT** - This study aims to determine the effect of eWOM and intention to travel to Raja Ampat Papua using the approach of theory of planned behavior. This study uses quantitative data. The sampling technique used is non probability sampling with purposive sampling type. In this study, sample used is 150 respondents using non-probability sampling techniques. The data were processed using SEM test. The results of this study stated that there is a significant positive effect between e-WOM and intention to travel to Raja Ampat Papua approach theory of planned behavior.

**Keywords:** eWOM, Attitude Toward Visiting, Subjective Norms, Perceived Behavior Control. Intention

#### RESEARCH BACKGROUND

In this day, everyone use the Internet in their life. Everyone use many electronic media to access the internet, such as gadgets, laptops, tabs. Each individual using the Internet for a variety of purposes, among them is to get some information. Such information can be obtained through a variety of media, such as google, website, twitter, or instagram.

Currently, instagram is one of the very popular and frequently used by everyone. Many things such information can be obtained from instagram, the information is on the form of pictures and explanations about a thing. One of the information is very often found in Instagram is a tourist destination. Such information is also called electronic word of mouth (eWOM). In Indonesia, the

most popular for tourist destination is Raja Ampat, Papua. Raja Ampat is one of the tourist destinations in Indonesia, which has a priceless beauty.

Litvin et al. (2008) specifically analyze eWOM role on the world of tourism. Litvin et al. (2008) mention that the technological developments improved faster and the number of tourists who use Internet to search information and transactions increased too. According to data from the Travel Industry Association of America (TIA 2005), sixty seven percent of American travelers have used the Internet as a means of seeking information about a destination. In this case, information flows through the communication that occurs between the tourist and the tourist with potential tourists.

Some studies concerning the effect that can be caused by eWOM, most analyzes on the effect eWOM on customer loyalty (Kim et al., 2004), (Gruen et al., 2006), in which each also relate to the value of customers (Gruen et al., 2006) and the decision to buy (Kim et al., 2004). While on the other part, Zhang et al. (2010) analyzed the effect of eWOM to the popularity of a restaurant which incidentally is the infrastructure dimension of the destination image.

Research that links between eWOM with the intention to travel is still very limited. So it is reasonable to be analyzed in this study about the influence that can be provided by eWOM the intention to travel. And as it goes, will be analyzed also the influence of the attention toward eWOM visiting, Subjective norms, perceived behavioral control, and will be analyzed also the intention to travel is influenced by attention toward visiting, Subjective norms, perceived behavioral control.

This research development of research conducted by Jalilvand and Samiei (2012) about the influence of eWOM against tourism destination choice approach to psychology theory is a theory on planned behavior (TPB), show communication eWOM have a significant impact on the customer attitude to visit tourist destinations, subjective norm, perceived behavioral control, and intention to visit the tourist destinations. According to the theory of Ajzen (1991) in Jalilvand and Samiei (2012), TPB is a theory developed by Ajzen (1991) whose main focus is the intention of the individual to perform certain behaviors,

intentions deemed able to see the motivational factors that influence the behavior and intentions of this an indication of how hard people are willing to attempt to try and how much effort will be issued an individual to perform a behavior (Jalilvand and Samiei, 2012).

#### LITERATURE REVIEW

#### **EWOM**

The rapid advancement of technology, particularly the Internet network WWW (World Wide Web) is able to provide informed choices about a product allows for a communication word of mouth is not only a form of communication between individuals regarding a product, service or brand but capable of being many form WOM communications that propagate almost universally through online media and is often called the Electronic Word of Mouth (Jalilvand, 2012).

EWOM become a very important place for the consumer to give his opinion and considered more effective than WOM because of the level of accessibility and its scope is broader than traditional offline WOM (Jalilvand, 2012).

#### **Attitude Toward Visiting**

Tung (2011) argues that the attitude toward visiting is the attitude toward the behavior is the degree to which a person has a favorable evaluation or unfavorable from a behavior.

According to Ajzen (2012) attitude toward visiting influenced by the belief that such behavior will bring the desired results or undesirable. Individuals who have a positive belief toward a behavior will have a tendency to display such behavior. So that attitude leads to behavior that is determined by the consequences raised by the behavior, called with confidence on behavior.

#### **Subjective Norms**

According Azjen & Driver (1991), Subjective norms are feeling or prediction of a person against the expectations of the people in his life done or not done about a particular behavior.

According to Fishbein and Ajzen (1975), Subjective norms an individual's beliefs about the expectations of those around influential (significant other) either

individually or per group to display a particular behavior or not. Understanding the above explained that the subjective norm is the product of the individual's perception of the trust of others. Subjective norm generally has two components, namely normative beliefs and motivation to comply.

#### **Perceived Behavioral Control**

According Azjen (1991) defined perceived behavioral control as one's perception of easy or difficult it is to the behavior of interest. With the level of perceived behavioral control someone who is greater, will allow a person to have a great attitude and intention to perform the behavior of interest.

According Jalilvand and Samiei (2012) PBC can be measured by, (a) can to visit there is to visit tourist attractions, (b) have the knowledge resources is to have a source of knowledge to visit, (c) it would be easy to visit the can easily to visit.

#### Intention

According to Conner & Norman (2005) in Keat (2009) revealed that the intention is deciding which represents a person's behavior. Intention is an awareness of one's motivation or decision to exert efforts in doing a behavior. Intention of this research is the intention to make or not make a trip to the tourist attractions that have been through the information obtained.

According Jalilvand and SMIEI (2012) Intention can be measured by, (a) will visit there is going to visit, (b) would visit rather than any other tourism destination is going to visit compared to other tourist attractions, (c) will plan to visit is planned will visit.

#### RESEARCH METHOD

This type of research used in this research is causal research by using quantitative data derived from primary data. The primary data obtained directly from the questionnaires have been compiled and structured distributed to respondents who meet the specified characteristics of the population. This research used 150 respondents with non-probability sampling techniques. The measurement used interval with measurement scale numerical scale that is measured in a scale of seven levels.

In the study, the seventh scale used as follows:

Disagree 1234567 Agree

Characteristics of the population used is the respondents who have an interest to travel to Raja Ampat in Papua, Indonesia, both of which have never traveled or who have never traveled, sex male and female, had an average age of 15 years to 64 years, and active or frequently use Instagram.

Independent variable used in this study is eWOM. eWOM as negative or positive statements made by tourists about Raja Ampat Papua, Indonesia through social media Instagram. Meanwhile, the dependent variable in this study there are four variables:

#### 1. Attitude toward visiting

Attitude toward visiting is the degree to which a person has a favorable evaluation or unfavorable from the tourist attractions Raja Ampat in Papua, Indonesia.

#### 2. Subjective Norms

Subjective norms are feeling or prediction of a person against the wishes of the other travelers who have traveled to Raja Ampat Papua, Indonesia regarding whether or not to travel to Raja Ampat in Papua, Indonesia.

#### 3. Perceived Behavioral Control (PBC)

Perceived behavioral control is one's perception of easy or difficult it is to make a trip to Raja Ampat in Papua, Indonesia.

#### 4. Intention

Intention is the awareness of one's motivation or the decision to exert effort to travel to Raja Ampat in Papua, Indonesia.

Data processing such as validity, reliability, SEM test, and F test using SPSS 16.0 and AMOS 16 for windows. SEM test use the significance level of 5% with a critical ratio  $\geq$  1.96. F test use the significance level of 5%.

#### **RESULT AND DISCUSSION**

In this research has been conducted for distributing questionnaires to 150 respondents online and offline. Of the 150 respondents were showed that 100% of respondents using Instagram. Most respondents are aged respondents aged 15-22 years with a percentage of 81.3% or 122 respondents. While respondents aged 23-30 years had a percentage of 18.7% or as much as 28 respondents. 118 respondents (78.7%) who had never visited Raja Ampat Indonesia, 30 respondents (20%) who had first visited Raja Ampat Indonesia, 2 respondents (1.3%) who've 2 times visited Raja Ampat Indonesia, and there are no respondents who have visited Raja Ampat Indonesia is more than 2 times. Thus, it can be concluded that the majority of respondents who have an interest to visit Raja Ampat Papua Indonesia are the respondents who have never visited the Raja Ampat Papua Indonesia.

Table 1. Respondents Response

No.	Statement	Mean		Std. Dev
EWOM				
1	I often read reviews of other travelers via Instagram, to select destinations.	5.4	1	1.12
2	I often read reviews of other travelers to make sure I choose the correct destination.	6.0	9	0.95
3	I often ask other travelers via Instagram to help choose destinations.	5.2	9	1.24
4	I often collect information from other travelers review via Instagram before travel.	5.5	1	1.15
5	I often read reviews of other travelers that I did not feel worried.	5.5	6	1.07
6	Another traveler reviews of Instagram makes me confident to travel.	5.9	8	0.99
	Average	5.6	4	1.09

Attitud	le Toward Visiting		
1	Raja Ampat is a great attraction	5.68	1.06

2	Raja Ampat is a valuable attraction	5.73	1.08
3	Raja Ampat is a fun attraction	5.62	1.03
	Rata-rata	5.68	1.06

Subje	Subjective Norms					
1	Important people in my life said I had to visit Raja Ampat.	5.55	1.21			
2	Most important for me to say I had to visit Raja Ampat.	5.64	1.06			
3	Those whose opinion is valuable to me will advise me to visit Raja Ampat.	5.61	1.12			
	Average	5.60	1.13			

Perce	Perceived Behavioral Control				
1	I will be able to visit the Raja Ampat.	5.31	1.22		
2	I have the ability to visit Raja Ampat.	5.37	1.13		
3	I will be easy to visit Raja Ampat	5.35	1.28		
	Average	5.34	1.21		

Inte	Intention					
1	I plan to visit Raja Ampat in the future.	5.83	1.07			
2	I will visit the Raja Ampat compared to other tourist attractions.	5.76	1.09			
3	If all the way I want, then I will be visiting Raja Ampat in the future.	5.84	1.07			
	Average	5.81	1.08			

Based on Table 1, 150 respondents give response about result of questionnaires. Respondents tend to have a very good perception of the EWOM, Attitude towards visiting, Subjective Norms, Perceived Behavioural Control and Intention.

According to Hair et al., (2010) in a model of confirmatory factor analysis (CFA), researchers can see the contribution of each indicator is measured

as how well a measurement scales to measure a concept. If the value of the critical ratio > 1.96 then the relationship is statistically significant.

Table 2
Compatibility Test Result Measurement Model

Companionity Test Result Measure Model						
No	Tests Matches	Suitability Criteria	Result			
1	CMIN/DF	CMIN/DF < 2	1.229	Good fit		
2	GFI	GFI > 0,90	0.905	Good fit		
3	RMSEA	RMSEA < 0,08	0.039	Good fit		
4	CFI	CFI > 0,90	0.973	Good fit		
5	TLI	TLI > 0,90	0.967	Good fit		
6	IFI	IFI > 0,90	0.974	Good fit		

#### **Structural Model**

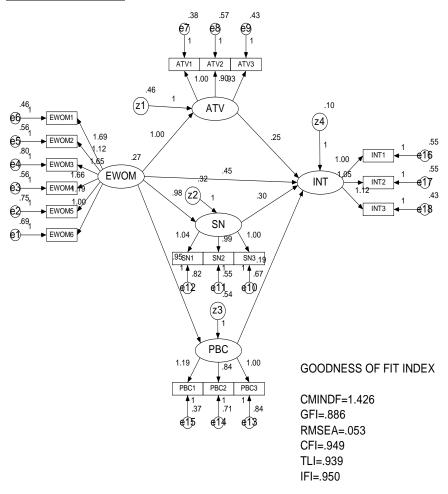


Figure 1 Structural Model Research

Table 3
Structural Model Compatibility Test Result

No	Tests Matches	Suitability Criteria	Result	
1	CMIN/DF	CMIN/DF < 2	1.426	Good fit
2	GFI	GFI > 0,90	0.886	Marginal fit
3	RMSEA	RMSEA < 0,08	0.053	Good fit
4	CFI	CFI > 0,90	0.949	Good fit
5	TLI	TLI > 0,90	0.939	Good fit
6	IFI	IFI > 0,90	0.950	Good fit

Based on the description on Figure 1 and Table 3, the structural model as a whole has had a value that meets Goodness-of-Fit so that the analysis followed by testing the hypothesis.

Table 4
Hypothesis Test Results Summary

Trypotnesis Test Results Summary						
Hypothesis	Link Between	Estimate	Critical	P-value	Result	
	Construct	Value	Ratio			
H1	EWOM→ATV	0.995	4.919	***	Significant	
H1a	ATV→IT	0.255	2.969	0.003	Significant	
H2	EWOM→SN	0.980	4.588	***	Significant	
H2a	SN→IT	0.296	2.439	0.015	Significant	
Н3	EWOM→PBC	0.946	4.361	***	Significant	
НЗа	PBC→IT	0.194	2.481	0.013	Significant	
H4	EWOM→IT	0.445	2.410	0.016	Significant	

Notes:

\*\*\* p < 0.1% or p < 0.001

On Table 4, there are 7 hypothesis in this study were tested. The hypothesis of this study is said to be significant and could be accepted if it meets the criteria of the value of the critical ratio> 1.96 and P-value of <0.05. The following discussion of the results of testing this hypothesis:

#### 1. EWOM effect on Attitude Toward Visiting

This is evident from the number of uploads and good comments about the destination of Raja Ampat on Instagram, giving rise to the perception that is very good for other travelers who read the review on Instagram about the destination of Raja Ampat. With so many reviews about the beauty of Raja Ampat on Instagram, the tourists gain knowledge or information about the Raja Ampat very beautiful and charming.

#### 2. Attitude Toward Visiting effect on Intention

This is evident from the many comments and uploads about the destination of Raja Ampat on Instagram saying that Raja Ampat is a wonderful tourist destination, fabulous, and fun. It is generated interest from other travelers to be able to visit the Raja Ampat, such as for example the comments on Instagram saying that they would visit the Raja Ampat. With so many reviews about the beauty of Raja Ampat on Instagram, the tourists will have the interest to travel to Raja Ampat because the information obtained from Instagram.

#### 3. EWOM effect on Subjective Norms

This is evident from the many comments on Instagram recommend Raja Ampat destinations for day trips. Usually someone will mention Instagram account to a friend or family to say that they have to visit Raja Ampat. With so many reviews about the Raja Ampat on Instagram, many tourists are invited or recommended Raja Ampat to their friends and relatives because of the beauty of Raja Ampat.

#### 4. Subjective Norm effect on Intention

This is evident from the reply to reply to a comment on Instagram about the desire of tourists to visit Raja Ampat. For example, many comments on Instagram recommend Raja Ampat as a tourist destination to friends or family, then friends or family they will reciprocate with positive feedback comments related desire to visit Raja Ampat. With so many recommendations on Instagram, many tourists who eventually travel to

Raja Ampat with friends or relatives and upload their photos while in Raja Ampat on Instagram.

#### 5. EWOM effect on Perceived Behavioral Control

This is evident from the many uploads and comments on Instagram on access and cost of a trip to Raja Ampat, giving rise to the perception of tourists about the ease and ability of travelers to visit Raja Ampat. With so many reviews about the Raja Ampat on Instagram, many tour and travel to promote a package trip to Raja Ampat. Many tourists can easily visit the Raja Ampat with the tour package. In addition, many of the reviews on Instagram on access to go to a beautiful place in Raja Ampat.

#### 6. Perceived Behavioral Control effect on Intention

This is evident from the comments rating on Instagram saying that Raja Ampat can be used as a tourist destination because of the cost and access are more affordable than similar tourist destinations abroad. With so many reviews regarding access to a beautiful place in Raja Ampat and package tour trip to Raja Ampat, many tourists who have interest and can easily visit the Raja Ampat. Can be seen by the number of tour packages to Raja Ampat already filled his quota on Instagram.

#### 7. EWOM effect on Intention

This is evident from the number of uploads and comments on Instagram about the destination of Raja Ampat, which then get comments back from other travelers on Instagram says it will visit the Raja Ampat. With so many reviews about Raja Ampat on Instagram, many tourists are interested to travel to Raja Ampat. Many positive comments from tourists about how wonderful the Raja Ampat, even many who finally visited Raja Ampat and provide a review of related their experiences in Raja Ampat.

Table 5

F-Test Results In Each Variable Based
Frequency of Visits to Raja Ampat Papua Indonesia

Number	Variable	Never	1 x	2 x	F-Value	P-Value
1	Electronic Word	33.80	33.97	33.50	0.019	0.981
	of Mouth					
2	Attitude Toward	16.63	18.40	20.50	7.441	0.001
	Visiting					
3	Subjective	16.61	17.50	17.50	1.346	0.263
	Norms					
4	Perceived	16.13	15.57	17.00	0.511	0.601
	Behavioral					
	Control					
5	Intention to	17.21	18.10	20.00	2.234	0.111
	Travel					

Notes:

P-value < 0,05

Based on the results of the F test (ANOVA) in Table 5, it can be seen that the variable EWOM, Subjective Norms, Perceived Behavioral Control, and Intention there are no significant differences in the category of frequency of visits to Raja Ampat Papua Indonesia, but at variable Attitude Toward Visiting differences which exhibited significantly.

F-Test Results in this study stated that the variable EWOM, Subjective Norms, Perceived Behavioral Control, and Intention to have a strong impact and significant impact on the frequency of visits to Raja Ampat Papua Indonesia. While variable Attitude Toward Visiting does not have a strong impact and exhibited significantly on the frequency of visits to Raja Ampat Papua Indonesia. This is evident from the value P-value of each variable> 0.05, except for the variable Attitude Toward Visiting (0001).

Variable EWOM, Subjective Norms, Perceived Behavioral Control, and Intention to have a strong impact and significant impact on the frequency of visits to Raja Ampat Papua Indonesia, evident from the comments on Instagram related 4 variables are different between tourists who have never and have never visited the King Ampat. While variable Attitude Toward Visiting does not have a strong impact and significant impact on the frequency of visits to Raja Ampat Papua

Indonesia, for comments on Instagram will remain the same for tourists who have never and have never visited the Raja Ampat, the Raja Ampat is one of the destinations travel very beautiful, amazing, and worth. However, it does not affect the results of testing the hypothesis in this study is that all the hypothesis was accepted and had a positive influence.

#### **CONCLUSION**

Based on the results of hypothesis testing that has been done, then the conclusion is obtained from all the hypotheses that have been tested using SEM. Variable EWOM positive influence on Attitude Toward Visiting, Subjective Norms, and Perceived Behavioral Control, Intention to visit Raja Ampat in Papua, Indonesia. The result of study are consistent with the results of research that has been done before by Mohammad Reza Jalilvand and Neda Samei (2012) which showed that EWOM significant positive effect on Attitude Toward Visiting, Subjective Norms, Perceived Behavioral Control, and Intention. Attitude Toward Visiting variable, Subjective Norms, and Perceived Behavioral Control positive effect on Intention to visit Raja Ampat in Papua, Indonesia. This results are consistent with the results of research that has been done before by Mohammad Reza Jalilvand and Neda Samei (2012) which showed that the Attitude Toward Visiting, Subjective Norms, and Perceived Behavioral Control significant positive effect on Intention.

For future research, this study uses only one social media alone is Instagram. The next researcher could using other social media. This is because with a growing era, many new and emerging social media, so that travelers can obtain information of tourist destinations through many other social media.

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Strategic Analysis & Opportunities

Proceeding 14th International Annual Symposium on Management Tanjung Pinang, Riau Islands, Indonesia | March 3rd - 4th, 2017

ISBN 978-602-73852-1-4







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#### **PROCEEDING**

## The 14<sup>th</sup> UBAYA International Annual Symposium on Management

## A BIG PUSH TO A WORLD-CLASS TOURISM: STRATEGIC ANALYSIS & OPPORTUNITIES

Tanjung Pinang, Riau Islands, Indonesia 3<sup>rd</sup>-4<sup>th</sup> March 2017

Department on Management Faculty of Business and Economics, Universitas Surabaya, Surabaya, Indonesia

#### **Proceeding**

### The 14<sup>th</sup> UBAYA International Annual Symposium on Management

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Editors: Dudi Anandya, Dr. Arif Herlambang, M.Si.

Layout and Cover Designer: Edithia Ajeng P, SE.

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#### Published by:

Department Of Management, Faculty Of Business & Economics
Universitas Surabaya
Il. Raya Kalirungkut

Surabaya, Indonesia 60293 Phone : +62-31-2981139 Fax : +62-31-2981239

ISBN: 978-602-73852-1-4

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ii ISBN: 978-602-73852-1-4

#### **FOREWORD**

We are delighted to welcome you to 14<sup>th</sup> International Symposium on Management (INSYMA) Tanjung Pinang, Riau, Indonesia. The high quality of the papers and the discussion represent the thinking and experience of researchers, academics and practitioners in the particular fields. Their contributions helped to make the conference as outstanding as it has been.

This proceeding is a compilation of papers submitted for the 14<sup>th</sup> International Symposium on Management (INSYMA) conducted by the Department of Management, the Faculty of Business and Economics, University of Surabaya (UBAYA) themed "A BIG PUSH TO WORLD-CLASS TOURISM: STRATEGIC ANALYSIS AND OPPORTUNITIES". The conference organizers have put together both the latest research and provide an opportunity to make friendship and new acquaintances.

The 14th INSYMA is a means for participants consisting of researchers, academics and practitioners to have a discussion forum. The event is expected to enable participants in sharing initiatives, ideas and efforts from the results of research and discussion concerning how to create a Big Push in a strategy to deal with all the challenges and find opportunities in the tourism industry of each country to be a world-class tourism.

In this opportunity, we would like to say that we are greatly honored by all presenters and participants' presence both from Indonesia and from other country. We would like to share our grateful to the Sponsorship and partnership in this 14<sup>th</sup> INSYMA. This theme represents strategic analysis and opportunities of implementation that will extend far beyond the sector, as tourism enhances province's reputation as a premier destination to visit, invest, work–live, and integration with the global community. The strength of tourism destination product will be counted and will continue to find ways how economic integration in tourism

ISBN: 978-602-73852-1-4 iii

sector can achieve the sustainability of: growth of economic, prosperity and welfare to all countries.

Finally, we would like to thank the researchers for their willingness to share their research and ideas. Without their efforts, this proceeding would not possible. The committees and editors deserve special thanks for their outstanding effort in reviewing and preparing the event and manuscripts for publication. We hope that this compilation of papers can enrich our perspective in Tourism strategic analysis and opportunities.

Tanjung Pinang, March 3<sup>rd</sup>, 2017 Prita Ayu Kusumawardhany Chairwoman of 14<sup>th</sup> INSYMA

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