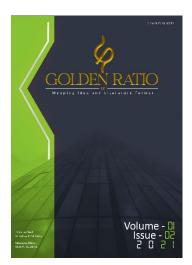


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MAPPING IDEA & LITERATURE FORMAT

Normative Consideration on Purchase Decision

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Abstract: The theory of planned behavior is a development of the theory of reasoned action (Ajzen, 1991). Basically the individual behavior of every human being is influenced by individual intentions (behavior intention). Behavioral intentions are influenced by three components, namely attitude, subjective norm, and perceived behavior control (Madden et al., 1992). Attitude is a positive or negative feeling of a person's belief in a behavior. Subjective norm is an individual's emotional perception that assesses the importance of the behavior to be carried out. Perceived behavioral control is an individual's perception of obstacles in carrying out a behavior. This study uses a bibliometric literature review approach with a sample mapping literature of 15 articles regarding planned behavior theory approaches reference articles from 2020 - 2021 under Scopus indexed journal. Universally, the results of this literature study state two propositions and hypotheses (e.g., Firstly, the theoretical implication states that there is a robust theoretical correlation between the theory of Planned behavior on purchase decisions; secondly, the correlation of planned behavior theory in aspects of management (e.g., marketing, Technology, Health Management, and HRM) make a positive contribution as a grounded theory to explain antecedent variables and their correlation to other approaches)

Keywords: Literature Review, Marketing, Theory Planned Behavior

JEL Classification Code: M30, M31, C44, D11

1. INTRODUCTION

The theory of planned behavior is a development of the theory of reasoned action (Ajzen, 1991). Basically the individual behavior of every human being is influenced by individual intentions (behavior intention) (Madden, Ellen, & Ajzen, 1992). Behavioral intentions are influenced by three components, namely attitude, subjective norm, and perceived behavior control (Madden et al., 1992). Attitude is a positive or negative feeling of a person's belief in a behavior. Subjective norm is an individual's emotional perception that assesses the importance of the behavior to be carried out. Perceived behavioral control is an individual's perception of obstacles in carrying out a behavior (Yeh, Guan, Chiang, Ho, & Huan, 2021).

Behavior intention has been widely studied by previous researchers. Research on the Short Food Supply Chain in Italy revealed that trust is a component that influences behavior intention in addition to attitude, subjective norm and perceived behavior control (Giampietri, Verneau, Del Giudice, Carfora, & Finco, 2018). Research in Qingdao China also revealed that these three components, coupled with a confidence component, were proven to increase green food purchase intention (Qi & Ploeger, 2019). However, there are other different studies that examined Iranian students in the intention to purchase organic food which revealed that subjective norms and perceived behavior control had no significant effect on purchase intention (Yazdanpanah & Forouzani, 2015). In another study, it was revealed that green consumer as a moderator has a significant effect on subjective norms to purchasing intention (Judge, Warren-Myers, & Paladino, 2019).

Research based on the theory of planned behavior continues to grow, not only on the intention to purchase something but also in the tourism industry, especially green hotels and green restaurants. Perceived behavioral control, which is influenced by control belief, has been shown to have a direct effect on increasing customer interest in staying at a green hotel (Yeh et al., 2021) and also in green hotel patronage (Nimri, Patiar, & Jin, 2020). This is in line with the findings of other researchers who





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revealed that perceived behavior control had a significant direct effect on intentions regarding green restaurants in Korea (Moon, 2021). The two studies still involve two other components that have the same significant effect on intention, namely attitude which is influenced by behaviorol belief and subjective norm which is influenced by normative belief. There are three indicators in normative belief, namely environmental organizations, family, and friends (Ataei, Gholamrezai, Movahedi, & Aliabadi, 2021),(Zhang & Li, 2020)

Literature Review Procedure

This study uses a bibliometric literature review approach with a sample mapping literature of 15 articles from 2015 to 2020 under the Scopus indexed journal Table 1 illustrates the results of the literacy mapping that we have summarized. In connection with the presentation in the Introduction section, the proportion of our analysis results has also been stated in section 3.

Conclusion and Proposition

- H1: By implication, the theory states that there is a robust correlation theoretically linkages Theory of Planned Behavior to the purchase decision;
- H2: Correlation Theory of planned behavior theory in the aspect of the field of management (e.g., marketing, Technology, and HRM) make a positive contribution as a grounded theory to explain the variable antecedent and also its correlation to other theories.



Table 1: Mapping Literature

Journal	Title	Research Problem	Table 1: Mappin	Variable / Item	Theory	Result
			TPB-Normative consid	deration on purchase decision (SIESY)	<u> </u>	
(Yeh, Guan, Chiang, Ho, & Huan, 2021)	Reinterpreting the theory of planned behavior and its application to green hotel consumption intention (Yeh et al., 2021)	The main aim of this paper was to understand a guest's decision to stay at a green hotel	The thesis of this paper was that beliefs could have a direct impact on intention. The case of a green hotel was thought to be an ideal case study because of the frequent application of the TPB in the study of environmentally friendly behavior. The issue, therefore, was twofold. First, this paper was interested in understanding why guests choose to stay at a green hotel by using the TPB model, and second, it rethought the TPB model by establishing a direct linkage between the first-order antecedents and intention.	 AT =attitude; BB =behavioral beliefs; CB = control beliefs; NB = normative beliefs; PBC = perceived behavioral control; SN= subjective norm; VI = behavioral/visit intention. 	• theory of planned behavior (TPB)	The results of this study showed that social pressure has very little direct impact on behavioral intention to stay at a green hotel. The results of the estimated standardized regression coefficients and t-values indicated that perceived behavioral control has a slightly higher impact on behavioral intention than attitude. This study also verified the proposed mediating relationships between the first-order and second-order antecedents. This study provided theoretical and managerial implications for understanding respondents' decision to stay at a green hotel.
(Moon, 2021)	Investigating beliefs, attitudes, and intentions regarding green restaurant patronage: An application of the extended theory of planned behavior with moderating effects of gender and age	This study aims to identify customer belief structures underlying the cognitive process of green restaurant patronage	A deep understanding of customer belief structures is expected to yield answers to the following questions: (1) "What are the main motives for customers patronizing a green restaurant?" (behavioral beliefs), (2) "Who are the important others influencing their patronage?" (normative	 1. Behavioral (BB) Clean and Comfortable Atmospheres Pride and Satisfaction Food safety Good for the Environment Time and effort to locate Tasteless Meals Inconvenience and discomfort in saving resources Good for health Save resources Expensive dining costs Limited menus 	• theory of planned behavior (TPB)	Perceived behavioral control emerged as the most significant determinant followed by attitude and subjective norm in the Korean green restaurant context. The findings support the inclusion of past behavior as an additional predictor and confirm the moderating effects of gender and age





Journal	Title	Research Problem		Variable / Item Theory Result
			beliefs), and (3) "What are the factors that promote or inhibit their patronage?" (control beliefs).	2. Normative (NB) • Environmental organizations • Family • Friends 3. Control (CB) • Needs for health and diet • Transportation availability • Information availability 4. Intention I am willing to dine at a green restaurant in the future 5. Attitude (ATT) • For me, dining at a green restaurant is pleasant • For me, dining at a green restaurant is beneficial 6. Subjective Norm (SN) • Most people who are important to me would want me to dine at a green restaurant • People whose opinions I value would prefer dine at a green restaurant 7. Perceived Behavior Control (PBC) • I am confident that, if I want, I can dine at a green restaurant • Whether or not I dine at a green restaurant • Whether or not I dine at a green restaurant is completely up to me
(Mertens & Schultz, 2021)	Referent group specificity: Optimizing normative feedback to increase residential recycling	This study compared the effectiveness of social normative feedback at increasing waste diversion, across	This paper aims to address the issue of improper waste disposal by applying social psychology to promote a collective action at the community level.	 Social norms Feedback Referent group Recycling Results showed that normative feedback increased diversion rates compared to the control conditions, but results did not show significant differences between the feedback conditions.



Journal	Title	Research Problem		Variable / Item	Theory	Result
		four referent groups varying in their degree of specificity				Additional results showed that the treatment effects were driven primarily by changes among households that were below the norm in baseline diversion rates.
(Ataei, Gholamrezai, Movahedi, & Aliabadi, 2021)	An analysis of farmers' intention to use green pesticides: The application of the extended theory of planned behavior and health belief model	The use of chemical pesticides in agriculture has damaged agricultural land, fisheries, fauna, and flora. Furthermore, increased mortality and morbidity of humans due to the unsafe use of chemical pesticides are the most prevalent and serious occupational hazards faced by farmers.	The extensive side-effects of conventional agriculture have made policy-makers and researchers to look for solutions for these issues. In response to these concerns, organic farming has been suggested as an approach to sustainable farming aimed at creating integrated, structured, and humane farming systems that have no conflict with environmental and economic benefits. These systems are regarded as a major alternative agricultural system for chemical-free safe food production and an environmentally friendly method	 Intention I intend to use Bracon hebetor next time I cultivate in the farm. I intend to engage in green pesticides in the future. I intend to encourage others to use in green pesticides. I plan to use in green pesticides (in addition to Bracon hebetor) in the future. Attitude I have a positive view on Bracon hebetor. I think that using green pesticides is beneficial. I believe that attending green pesticides and engaging in its related practices are the most basic step of safe food production. I will use green pesticides, even if my production costs increase. In my opinion, green pesticides are a critical issue, and it is necessary to increase farmers' awareness about it. I think that using green pesticides is wise. Perceived behavioral control The use of Bracon hebetor is reasonable uncomplicated, and I 	• The theory of planned behavior	Results showed that in TPB, the constructs of moral norms, attitude, and self-identity accounted for 52.2 percent of the variance in the intention to use green pesticides. According to HBM, perceived benefits, perceived susceptibility, cues to action, and motivation could capture 61.2 percent of the variance in the intention. It was revealed that both theories could potentially predict intention, but HBM outperformed TPB in this sense



Journal	Title	Research Problem	Variable / Item	Theory	Result
			can easily engage in them at my		
			farm.		
			 I have enough awareness and 		
			information about Bracon hebetor,		
			and I do not need any training in		
			this respect.		
			I am confident enough in my		
			ability and competency to use		
			Bracon hebetor.		
			 I believe that whether or not 		
			 I engage in green pesticides is 		
			entirely up to me.		
			I feel that using green pesticides is		
			not beyond my control.		
			4. Self-identity		
			Engaging in green pesticides		
			activities is an important part of		
			who I am.		
			• I am the type of person who would		
			use green pesticides		
			5. Moral norms		
			 The use of green pesticides is in 		
			agreement with my principles,		
			values, and beliefs.		
			 I morally feel obligated to use 		
			Bracon hebetor.		
			 I would feel guilty if I do not 		
			engage in green pesticides.		
			6. Subjective norms		
			 Farmers whose opinions I value 		
			want me to use green pesticides.		
			 I feel that I am under social 		
			pressure to use green pesticides.		
			• Farmers whose opinions I value will		
			approve whether I use Bracon		
			hebetor.		
			7. Perceived susceptibility		





Journal	Title	Research Problem	Variable / Item	Theory	Result
			I think the use of chemical		
			pesticides leads to dangerous		
			disease.		
			 I think excessive use of chemical 		
			pesticides leads to water salinity.		
			Chemical pesticides reduce the		
			quality of water resources.		
			Probability of emerging cancer due		
			to using chemical pesticides is very		
			high.		
			Chemical pesticides can destroy the		
			environment.		
			8. Health motivation		
			 Nothing is as important as good 		
			health.		
			 Having good health is more 		
			valuable than financial capital.		
			 I am motivated to use healthy 		
			products for good health.		
			9. Perceive severity		
			 I think chemical pesticides are a 		
			serious threat to humankind.		
			 I think chemical pesticides are a 		
			serious threat to environment and		
			agriculture.		
			 I think chemical pesticides are a 		
			serious threat to future generations.		
			10. Perceived benefits		
			• If I use green pesticides, it will		
			benefit my agriculture and		
			environment.		
			Green pesticides help strengthen		
			my economy status.		
			 Green pesticides help increase 		
			society health.		



Journal	Title	Research Problem		Variable / Item	Theory	Result
				 If I use green pesticides, I do not need to incur additional costs for cultivation. By using green pesticides, we will have a more sustainable agriculture. I1. Perceived self- efficacy For me using green pesticides is easy. If I want, I can easily reduce using chemical pesticides. There are required credits and if I want, I can easily use Bracon hebetor. 		
(Y. Zhang & Li, 2020)	Intention of Chinese college students to use carsharing: An application of the theory of planned behavior	Carsharing originated in Europe and then expanded to developed countries such as the United States. With the revival and popularity of the "Sharing Economy," carsharing has remarkably increased in China in recent years. Carsharing has increased convenience for individuals without private cars and is changing the traditional view of car ownership. Chinese college students are a large,	This research contributes to the complement of literatures on the combination of travel behavior and psychology, and also on the sharing economy in the transportation sector. Moreover, the results of the study could provide theoretical guidance to carsharing organizations that will help these organizations promote and popularize carsharing services effectively. This study could also help policymakers formulate relevant policies about carsharing.	1. Attitude • I think the travel mode of carsharing is convenient • I think the travel mode of carsharing is economic • I think the travel mode of carsharing is flexible • I think the travel mode of carsharing is safe and comfortable • I think the travel mode of carsharing benefits the environment 2. Subjective Norm • My friends or family (who are important to me) support me using carsharing • My friends or family (who are important to me) think I should use carsharing • My friends or family (who are important to me) all use carsharing	Theory of planned behavior	The results indicate that subjective norm and the perceived behavioral control are directly and positively associated with Chinese college students' intention to use carsharing, and attitude and environmental concern have no direct correlation with the intention. Environmental concern has a significant direct effect on attitude, subjective norm, and perceived behavioral control. In addition, environmental concern indirectly impacts Chinese college students' intention to use



Journal	Title	Research Problem		Variable / Item	Theory	Result
		highly educated		• I will make the same choice as my		carsharing through subjective
		group with low		friends and family (who are		norm and perceived behavioral
		incomes and low		important to me) regarding		control
		rates		whether they use carsharing or not		
		of car ownership.		3. Perceived Behavioral Control		
				 I think my adept driving skills make 		
				me fully competent to use		
				carsharing		
				 I can find the vehicles easily if I 		
				want to use carsharing		
				 The rental process of carsharing is 		
				easy and uncomplicated to		
				accomplish		
				4. Environmental Concern		
				• I consider the impact of my actions		
				on the environment when I make		
				decisions		
				I worry about environmental		
				destruction and the waste of		
				natural resources		
				• I am willing to bear some		
				inconveniences for the sake of		
				environment		
				Current environmental protections		
				are insufficien		
				5. Intention to use		
				• I am willing to use carsharing for		
				travel		
				• I plan to use carsharing for travel		
				I'm not going to buy private cars		
	D 1: 1:	751		but use carsharing for travel	1 0	
	Predicting climate	This study compares	The present study aims to	1 Accionds	• theory of	Our results indicate that for
(L. Zhang,	change mitigation	the predictive power	contribute to the body of	1.Attitude	planned	TPB, behavioral in-
Ruiz-	and adaptation	of the Theory of	knowledge on	The balance of nature is strong	behavior	tentions and perceived
Menjivar,	behaviors in	Planned Behavior	proenvironmental behaviors in	enough to cope with the impacts	• the Value-	behavioral control account for
Luo, Liang,	agricultural	(TPB) and the Value-	the context of	of climate change	Belief-	42.1% of farmers' adaptation
. 0	production: A	Belief-Norm (VBN)			Norm	behaviors, but only 25.6%



Journal	Title	Research Problem		Variable / Item	Theory	Result
& Swisher,	comparison of the	theory in the context	agricultural production by	If things continue on their present	(VBN)	for mitigation behaviors. In
2020)	theory of planned	of climate change	further comparing the	course, we will soon experience a	theory	contrast, for the VBN theory,
	behavior and	mitigation and	predictive power of	major climate catastrophe		proenvironmental personal
	the Value-Belief-	adaptation behaviors	two widely used behavioral	 Human activities are severely 		norms explain 54.2% of
	Norm Theory	in agricultural rice	change frameworks, TPB and	destroying the environment.		growers' mitigation behaviors,
		production.	VBN theory,	 The earth is like a spaceship with 		but only 28.4% of adaptation
			when explaining climate change	limited room and resources		behaviors. Thus, TPB appears
			mitigation and adaptation	2.Subjective norms		to be more successful
			behaviors in agricultural	 My local government thinks that I 		at predicting self-interest-
			production.	should take action in anticipation		oriented behaviors, such as
				to climate change		climate change adaptation. On
				 Neighbors think that I should take 		the other hand, our findings
				action in anticipation to climate		provide evidence that the
				change		VBN theory performs better
				 Family members think that I 		when explaining altruistic
				should take action in anticipation		behaviors like mitigation be-
				to climate change		haviors.
				3.Perceived behavioral control		
				Whether or not I respond to		
				climate change is completely up to		
				me		
				Effective measures to deal with		
				climate change are difficult to		
				implement		
				• I am confident that if I want, I		
				would have the ability to take		
				effective actions in anticipation to		
				climate change		
				4.Mitigation intention in rice		
				production		
				 Using formula fertilization via soil 		
				testing		
				 Returning straw to field (straw 		
				incorporation)		
				 Using no-till and direct seeding 		
				methods		



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Journal	Title	Research Problem		Variable / Item	Theory	Result
	The growing popularity of	In this study, we investigate the reason for the growing popularity of FMCG	This study seeks to contribute to the growing body of knowledge in the field of Asian management scholarship by focusing on the Indian context. This research	5.Adaptation intention in rice production • Building or improving ridges or dikes • Changing the variety of seeds • Expanding or reducing planting area 1.Religious Intrinsic (RI) • I often go to a religious place (i.e. temple or mosque or gurudwara or church) • I live life according to my religious beliefs and follow rituals • I enjoy reading books about my religion • I often hear religious sermons, talks or prayers on TV, radio or in person 2.Religious Extrinsic (RE) - • I go to a religious service because I enjoy interacting with people there	 Self-identity theory Social 	We find that religiosity and normative community pressure are important
(Sardana, Cavusgil, & Gupta, 2020)	popularity of spiritual brands: What drives purchase intent?		scholarship by focusing on the Indian context. This research investigates unique phenomena within the FMCG industry, a mature market in India with intense competition and product categories mostly dominated by brands of MNCs and large domestic companies.	č č	,	pressure are important purchase drivers for such products. Surprisingly, pragmatism in the presence of normative pressure also contributes to demand.



Journal	Title	Research Problem		Variable / Item	Theory	Result
				I am motivated to use consumable goods being sold by a spiritual/religious leader as: I consider them to be nationalistic brands It makes me feel belong to my community It makes me feel contributing to my society and nation 5.Value Perception (VAL) I use (like to use) consumable goods being sold by a spiritual/religious leader because: I consider them to be better in quality than brands by other companies Products by them use more natural ingredients and less preservatives Products by them are pure and divine		
(Nimri, Patiar, & Jin, 2020)	The determinants of consumers' intention of purchasing green hotel accommodation: Extending the theory of planned behaviour	Prior research has attempted to gain a better understanding of consumers' formation of purchase decisions to patronise green hotels, thus addressing the need to provide practical relevance to hotel operators; however, results have been inconclusive.	In particular, this study aims (1) to unearth a new set of items for belief constructs and additional factors that are relevant to the population under research and (2) to achieve a more comprehensive TPB, specifically designed to explain green hotel consumers' purchase decision-making processes. To attain the aforementioned objectives, the current study integrates belief constructs and critical factors of consumers' pro-environmental in-	 1.Behavioural Beliefs Assist in securing a future for next generations. Contribute to fulfilling my environmental obligations. Help to protect the environment Experience a healthy environment. 2.Injunctive Normative Beliefs My colleagues think I should stay at a green hotel. The younger people I know think I should stay at a green hotel. My friends think I should stay at a green hotel. My family/relatives think I should stay at a green hotel. 	• Theory of Planned behaviour	The results demonstrate that the new model contributes considerably to improve our comprehension of the intricate process of green hotel consumers' decision-making. Perceived behavioural control appears to be the strongest predictor of green patronage intention. Further, green hotel knowledge and attitudes, as well as subjective injunctive norms were shown to positively influence intention towards green hotel patronage, respectively. These



Journal	Title	Research Problem		Variable / Item	Theory	Result
			tentions for green hotels from	3.Descriptive Normative Beliefs		findings reveal significant
			the qualitative approach into	Most of my colleagues have stayed		implications for hotel
			the TPB	at a green hotel when travelling.		managers to design effective
			framework while considering its	Most of the younger people I know		marketing strategies to
			original constructs.	have stayed at a green hotel when		enhance the patronage of
				travelling.		green hotels.
				Most of my friends have stayed at a		
				green hotel when travelling.		
				 Most of my family/relatives have 		
				stayed at a green hotel when		
				travelling.		
				4.Control Beliefs		
				 The hotel should have visible 		
				communications about its green		
				practices.		
				The hotel should participate in		
				environmental certification and		
				eco-labelling		
				 Staying at a green hotel is expensive. 		
				The location of a green hotel needs		
				to be convenient.		
				5.Attitudes		
				For me staying at a green		
				hotel when travelling is:		
				• Foolish – Wise		
				• Unpleasant – Pleasant		
				• Unfavourable – Favourable		
				Negative – Positive		
				• Unenjoyable – Enjoyable		
				• Undesirable – Desirable		
				• Bad - Good		
				6.Subjective Injunctive Norms		
				People whose opinions I value		
				would prefer that I stay at a green		
				hotel when travelling.		

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Journal	Title	Research Problem	Variable / Item	Theory	Result
			Most people who are important to		
			me think I should stay at a green		
			hotel when travelling.		
			Most people who are important to		
			me would want me to stay at a		
			green hotel when travelling.		
			7.Subjective Descriptive Norms		
			Most people who are important to		
			me will stay at a green hotel when		
			travelling.		
			Most people whose opinions I		
			value will stay at a green hotel when		
			travelling.		
			8.Perceived Behavioural Control		
			 I have resources, time, and 		
			opportunities to stay at a green		
			hotel when travelling.		
			• I am confident that if I want, I can		
			stay at a green hotel when		
			travelling.		
			Whether or not I stay at a green		
			hotel when travelling is completely		
			up to me.		
			9.Green Hotel Knowledge		
			 Compared to my friends, I am 		
			familiar with hotels' green		
			programmes.		
			Compared to people who travel a		
			lot, I am familiar with hotels' green		
			labels.		
			• Compared to an average person, I		
			am familiar with hotels'		
			environmental policies.		
			10.Intention to Stay		





Journal	Title	Research Problem		Variable / Item	Theory	Result
				 I plan to stay at a green hotel when travelling. I am willing to stay at a green hotel when travelling. I will make an effort to stay at a green hotel when travelling. 		
(Jain, Singhal, Jain, & Bhaskar, 2020)	Construction and demolitionwaste recycling: Investigating the role of theory of planned behavior, institutional pressures and environmental consciousness	The attitude of builders towards construction and demolition waste recycling in India.	The study aims to analyze the role of personal behavior, institutional pressures and environmental consciousness of builders from Indian construction sector towards C&DW recycling.	 PB: Perceived benefits; PC: Perceived costs; ATT: Attitude; SN: Subjective norm; PBC: Perceived behavioral control; CP: Coercive pressure; NP: Normative pressure; MP: Mimetic pressure; EC: Environmental consciousness; BI: Behavioral intention; AB: Actual behavior. 	 Theory of planned behavior (perceived benefits, perceived costs, attitude, subjective norms and perceived behavioral control), Theory of institutional pressures (regulatory, normative and mimetic) Theory of environmental consciousness 	The findings indicate that behavioral intention towards construction and demolition waste recycling is mainly driven by personal motivations (perceived benefits, perceived costs, attitude and perceived behavioral control), regulatory pressures and environmental consciousness
(Qi & Ploeger, 2019)	Explaining consumers' intentions towards purchasing green food in Qingdao, China: The amendment and extension of the theory of planned	This study incorporates traditional Chinese cultural constructs of face consciousness and group conformity instead of subjective norms to develop an amended TPB model	The present research also could contribute to existing literature regarding the influence of culture on consumers' buying behavior and generate valuable research implications for future applications of TPB in China or other countries with	1.Attitude (AT) Buying green food is a good idea Purchasing green food is pleasant Purchasing green food is a wise choice 2.Perceived behavior control It's inconvenient to purchase green food, although I have the purchase intention	Theory of planned behavior	The findings reported the usefulness of TPB in predicting consumers' green food purchase intentions in the research area. The results also supported the applicability of incorporating cultural constructs, confidence, and personal



Journal	Title	Research Problem		Variable / Item	Theory	Result
	behavior	under China's	similar cultural values. This	• I am confident that if I want, I can		characteristics into the
		cultural	study addresses two research	buy green food		Chinese case,
		environment.	questions: (1) whether TPB	To buy or not to buy green food is		as the explanatory capability
			could explain the green food	entirely up to me		was increased after being
			purchase intention well in the	3.Subjective norms (SN)		measured by the amended
			Chinese context; (2) whether	 Most people who are important to 		TPB models under China's
			introducing cultural elements,	me think I should buy green food		cultural conditions as well as
			con-	Most people whose opinions I		the extended models (from
			fidence, and personal	value would prefer that I buy green		71% to 83%).
			characteristic factors in TPB	food		
			would improve the	 The extent of influence from the 		
			explanatory power of the model	people or the group can strongly		
			in predicting the green food	affect my decision		
			purchase	4.Face consciousness (FC)		
			intention among Chinese	 People around me think that 		
			consumers, respectively.	purchasing green food fits my		
				identity and taste		
				 Purchasing green food can make 		
				me gain face		
				5.Group conformity (GC)		
				I may consider purchasing green		
				food, if people around me think		
				green food is good		
				• I will purchase green food, if people		
				around me purchase green food too		
				6.Confidence (C)		
				• I trust the farm or farmers who		
				plant green food		
				• I trust the food companies to		
				produce and process green food		
				I trust the governmental		
				administration of green food		
				I trust the certificate authority of		
				green food		
				• I have strong confidence in green		
				food.		
				7.Personal characteristics		



Journal	Title	Research Problem		Variable / Item	Theory	Result
				 Gender Age Marriage status Education Monthly income Living area in Qingdao The frequency of eating at home Main purchaser of food Having old people (>60) or young child (<12) in family 		
(Lopes, Kalid, Rodríguez, & Ávila Filho, 2019)	A new model for assessing industrial worker behavior regarding energy saving considering the theory of planned behavior, norm activation model and human reliability	Application of energy efficiency measures is one of the most hopeful solutions to face global environmental challenges, to minimize natural resources consumption and the greenhouse effect. However, the level of implementation in the industrial sector is far below of what theoretically could be achieved due to several barriers, one of which is the behavior of industrial workers.	The authors proposed that changes in intentions and behavior may be driven by programs fostering more favorable attitudes and beliefs towards energy use. This study's approach contributes to the body of knowledge on methods for understanding the influence on participant attitudes and evaluating energy efficiency programs.	1.Intention I am willing to save energy in my business I seek to engage in energy efficiency programs and activities of the company. I will strive to take measures to increase energy saving in the company 2.Attitude toward behavior Adopting energy efficiency practices is a smart measure. Saving energy inputs (electricity, gas, gasoline, fuel oil, steam, water, compressed air, etc.) is significant in reducing carbon emissions. It is gratifying to adopt energy saving actions to contribute to the environment. For me, adopting new energy efficiency practices is exciting 3.Perceived Behavioral Control In my opinion, I have the knowledge and ability to implement energy efficiency practices	Theory of planned behavior	The results indicate that two factors of the adjusted SEM model are not statistically significant, contrary to what was expected by the TPB and the human reliability; therefore, these two factors, subjective norms and performance shaping factors, should be the object of greater attention so as to influence the behavior of workers towards greater energy saving in industrial units.



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Journal	Title	Research Problem	Variable / Item	Theory	Result
			 • I am sure that I can carry out		
			activities to save energy inputs in		
			the company		
			Adopting energy saving behavior		
			depends entirely on me		
			The difficulties beyond my control		
			that can prevent me from saving		
			energy inputs are few.		
			4. Subjective norm		
			My colleagues take measures to save		
			energy in the company.		
			The company's departments are		
			quick to adopt energy efficiency		
			practices		
			 My perception is that the managers 		
			of the company adopt the energy		
			saving behavior.		
			 The management of the company 		
			expects me to have an effective		
			energy saving behavior		
			 My colleagues think I should save 		
			energy in the company		
			 People whose opinion I value are in 		
			favor of my adoption of energy		
			efficiency measures		
			5.Personal norm		
			 Waste energy inputs in the 		
			company are against my principles		
			of environmental protection.		
			• I have a commitment to save energy		
			in order to contribute to		
			environmental improvement.		
			 I would feel guilty about not saving 		
			energy in the company.		
			6.Performance shaping factors		

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Journal	Title	Research Problem		Variable / Item	Theory	Result
				The short time available at work		
				makes it impossible to adopt new		
				procedures to save energy		
				Stress from day to day at work		
				hinders the adoption of		
				improvements in energy		
				consumption		
				The complexity of the work process		
				requires physical and mental effort		
				that makes it difficult to apply		
				measures to save energy		
				The current ergonomics		
				(organization and interaction of the		
				worker with the equipment) harms		
				the execution of energy efficiency		
				practices.		
				The work process (planning,		
				communication, culture,		
				management support, etc.) makes it		
				difficult to implement actions to		
				save energy		
				7.Energy saving behavior		
				I save energy at work.		
				 Saving energy inputs (electricity, 		
				gas, gasoline, fuel oil, steam, water,		
				compressed air, etc.) is a natural		
				behavior for me.		
				I have implemented procedures to		
				save energy at work.		
	The males of wal	The present study	the purposes of this study are	1.Purchasing behavior		The findings govern that !-!-
	The roles of values and social norm on	was conducted with	first to expand the norm theory	Buy clothing made from recycled		The findings reveal that bio-
		two goals in mind: to	by adding the social norms	material	Theory of	altruistic and egoistic values influence personal norms to
	personal norms and	investigates the	construct	Buy second-hand clothing	• Theory of Planned	-
	proenvironmentally	effects of consumers'	from the TPB; to examine how	Select clothing that I can wear over	Behavior	purchase pro-environmental products. Additionally, social
	friendly apparel	values, social norms	values are related to personal	a longer term as opposed to trendy	Denavioi	
	behavior: The	product purchasing on their personal	norms and pro-environmental	apparel that goes out of style		norms are internalized via
	Denavior: The	norms and	behavior; and to test the	quickly		personal norms and in-



Journal	Title	Research Problem		Variable / Item	Theory	Result
(Kim & Seock,	mediating role of	environmental	mediating role of personal	Buy clothing made of organically	•	directly or directly influence
2019)	personal norms	behavior, and to	norms in the apparel domain.	grown natural fibers such as cotton,		pro-environmental behavior.
		examine the		hemp, and bamboo		
		mediating role of		Buy clothing from eco-conscious		
		personal norms in		companies		
		the relationship		2. Bio-altruistic values		
		between social norms		• Equality		
		and environmental		World peace		
		behavior.		Social justice		
				Helpfulness		
				Environmental protection		
				 Respect for the earth 		
				Unity with nature		
				Pollution prevention		
				3. Egoistic values		
				Social power		
				• Wealth		
				Authority		
				• Influenc		
				4. Social norms		
				Family members whose opinion I		
				value would approve of my		
				engagement in pro-environmental		
				behavior		
				Family members whose opinion I		
				value would approve of my		
				engagement in purchasing eco-		
				friendly clothing		
				Close friends who are important to		
				me would support my engagement		
				in purchasing eco-friendly clothing		
				The residents in my community		
				would support my engagement in		
				purchasing eco-friendly clothing		
				The general public would endorse		
				my engagement in purchasing eco-		
				friendly clothing		

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Website: https://goldenratio.id/index.php/grmilf



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Journal	Title	Research Problem		Variable / Item	Theory	Result
				Foresonal norms I feel morally obligated to purchase eco-friendly clothing, regardless of what others say I would feel guilty if I bought noneco-friendly clothing I would be a better person if I purchased eco-friendly clothing When I buy new clothing, I feel morally obligated to prioritize selecting eco-friendly clothing over the alternatives		
(Judge, Warren-Myers, & Paladino, 2019)	Using the theory of planned behaviour to predict intentions to purchase sustainable housing	Homebuyers today are faced with a spectrum of choices when deciding to build a new home. However, encouraging more sustainable choices in housing and construction decisions has been challenging.	This study identified that participants had a desire for more energy efficient homes, yet it did not specifically examine their views on current sustainability rating tools and certifications. Additionally, the range of competing motivations when purchasing a home can include the relationship between an increased substantial cost and capital outlay, borrowing capacity, and 'dream home' ideals, all of which contend for attention and play a unique role in decision-making, which differs from other lower-investment purchasing contexts.	1. Attitudes 2. Subjective norms 3. Perceived behavioural control 4. Intentions 5. Willingness to pay 8. Green consumer identity 6. Familiarity with certifications 7. Past behaviour (0¼no, 1¼yes)	• Theory of planned behaviour (TPB)	Attitudes, subjective norms, perceived behavioural control and green consumer identity each independently predicted higher intentions to purchase a sustainability certified dwelling, and in combination accounted for 65% of the variance in intentions. Green consumer identity also significantly moderated the effect of subjective norms on intentions. In a separate analysis, the two strongest predictors of willingness to pay for a sustainability certification were familiarity with current sustainability certifications and subjective norms.
	A Theory of Planned behaviour perspective for	To better understand the success and the growing number of	The paper focuses on the role of consumer trust towards purchasing at short chains, as	Intention (INT) I intend to purchase food at SFSCs for the next month.	 Theory of planned behaviour 	The investigation found that consumer rural residence and fair-trade purchasing

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Journal	Title	Research Problem		Variable / Item	Theory	Result
	investigating the	Short Food Supply	well as the role of consumer	I plan to purchase food at SFSCs		habits, in addition to intention
	role of trust	Chains in Italy, this	rural residence and fair-trade	next month.		and perceived behavioural
	in consumer	study	purchasing preference, in	 I am willing to buy food at SFSCs 		control, influenced the
	purchasing decision	investigates	addition to common TPB	next month.		behaviour.
(Giampietri,	related to short	consumer	variables.	2.Attitudes (ATT)		
Verneau, Del	food supply chains	motivations and		 Purchasing food at SFSCs is not 		
Giudice,		behaviours with		gratifying – gratifying.		
Carfora, &		regard to these		 Purchasing food at SFSCs is 		
Finco, 2018)		alternative agri-food		unpleasant – pleasant to me.		
		networks through an		 Purchasing food at SFSCs is not 		
		extended model of		satisfying – satisfying to me.		
		the Theory of		3.Subjective Norms (SN)		
		Planned Behaviour		 Most people who are important to 		
		(TPB).		me would approve of my		
				purchasing food at SFSCs instead		
				of conventional markets.		
				 Most people who are important to 		
				me want me to purchase food at		
				SFSCs instead of conventional		
				markets.		
				 Most people who are important to 		
				me think that I should purchase		
				food at SFSCs instead of		
				conventional markets.		
				4.Perceived Behavioural Control		
				(PBC)		
				Purchasing food at SFSCs is easy to		
				me.		
				• If I wanted to, I could easily		
				purchase food at SFSCs.		
				Purchasing food at SFSCs depends		
				entirely on me.		
				5.TRUST		
				• I perceive purchasing at SFSCs to		
				be reliable.		
				 Purchasing at SFSCs appears 		
				trustable to me.		



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Journal	Title	Research Problem		Variable / Item	Theory	Result
Ĭ				• I trust in purchasing food at SFSCs.		
(Yazdanpanah & Forouzani, 2015)	Application of the Theory of Planned Behaviour to predict Iranian students' intention to purchase organic food	Many studies have attempted to measure the relative importance of environmental concerns by comparing organic farming with conventional agriculture. However, there have been concerns that the factors which motivate consumers to purchase organic foods are not properly known.	The aim of this study was two-fold: 1) to examine the use and efficacy of TPB in terms of the intention to purchase organic food; and 2) to improve the explanatory power of TPB by adding two new constructs: moral norm and self-identity. The study leads to three major findings	1.Intention I am willing to consume organic foods if they are available for purchase I intend to consume organic foods if they are available for purchase I plan to consume organic foods if they are available for purchase I will try to consume organic foods if they are available for purchase I will try to consume organic foods if they are available for purchase 2.Attitude I think that purchasing organic food is interesting. I think that purchasing organic food is a good idea. I think that purchasing organic food is important. I think that purchasing organic food is beneficial. I think that purchasing organic food is wise. I think that purchasing organic food is favourable. 3.Subjective norm My family thinks that I should buy organic food rather than nonorganic food. Most people I value would buy organic food rather than nonorganic food. People I value (such as my teacher) think you should buy organic food My close friends, whose opinions regarding diet are important to me,	Theory of Planned Behaviour	Results indicated that the students' attitude was the main predictor of their intention to purchase organic foods. Interestingly, this research showed that both perceived behavioural control and subjective norms were not significant predictors of intention. Furthermore, adding moral norm and self-identity as the additional constructs to the TPB significantly increased the explanatory power of the standard model





Journal	Title	Research Problem	Variable / Item	Theory	Result
			think that I should buy organic		
			food.		
			4.Perceived behavioural control		
			• If I wanted to, I could buy organic		
			food instead of non- organic food		
			 I think it is easy for me to buy 		
			organic food.		
			 It is mostly up to me whether or 		
			not to buy organic food		
			5.Moral norm		
			 I feel an obligation to purchase 		
			organic food rather than non-		
			organic food		
			 Consuming organic food rather 		
			than non-organic food makes me		
			feel like a better person.		
			 If I consume organic food rather 		
			than non-organic food, I feel as if I		
			am making a personal contribution		
			to something better.		
			6.Self-identity		
			 I think of myself as a user of 		
			organic food.		
			 Consuming organic food is an 		
			important part of who I am.		



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