

Available online at www.elixirpublishers.com (Elixir International Journal)

Social Science

Elixir Soc. Sci. 57 (2013) 14154-14159



Effect of Social and economic impact in improving of rural administrators performance for rural resident's satisfaction (Case Study: Hassan Abad district in the city of Eslamabad-e- Gharb)

Masoud Safari Aliakbari¹, Rahmatollah Merzaii², Kamran Nori¹, Ghodrat Hidari¹ and Zohreh Farokhi Khaledi³

¹Department of Geography, Payam Noor University, Iran.

²Department of Social Sciences, Payam Noor University, Iran.

³Islamic Azad University ,Tehran Center, Iran.

ARTICLE INFO

Article history: Received: 6 February 2013; Received in revised form: 28 March 2013; Accepted: 6 April 2013;

Keywords

Introduction

Social and Economic base administrators, Rural administrators performance, Villagers satisfaction, Hassan Abad district, Eslamabad-e-Gharb.

ABSTRACT

Satisfaction as one of the most important principles of public participation in rural development is considered, this research was done for study the Effect of Social and economic impact in improving of rural administrators performance for rural residents satisfaction. in this study bases Social of individuals in three dimensions, age, education and social stratification, and economic base in two dimensions, revenue and jobs in improving the performance of rural administrators for rural residents satisfaction were examined. Research methodology was based on descriptive -Analytical methods and parametric tests, analysis of variance (ANOVA), Means Plots and Independent simplest test by use SPSS software. Questionnaire measuring tool for collection the data from 267 households sample from 11 villages was used, which samples were selected by using of Cochran formula through simple random sampling method. The findings showed that between total Social base factors (age, education and social stratification); four rural administrators in 40-30 years age of rural administrators group, and with 3.20 average, two rural administrators with bachelor's degree and 3.32 average and seven rural administrators in upper stratum of society with 2.95 average and economic base in earnings dimension according to Leuven test (because Fisher's significance level was lower than 0.05), in dimension of job, except administrators, the most additive effect was related to performance of administrators; according to significant level (more than 5%) performance of rural administrators had a decreasing effect in performing their duties to the satisfaction of rural residents and finally in analysis of general performance of rural administrators bases on rural resident's view according to Anova test, Bagher Abad-e- Olia, Tang-e- Shohan-e- Olia and Siahkhor villages had a best performance with 3.45, 3.18 and 3.02 average respectively, and in lower ranking, Anjyrak and Gorgi villages had a lower performance between villages of Hassan Abad rural zone for satisfaction of rural residents with 2.7 and 2.47 means respectively.

2013 Elixir All rights reserved.

Node in rural management over the past decade and maybe in a hundred years the political, social, economic and cultural one of the most the most critical issue and challenges for planners and practitioners have been (Ghadiri innocent and Riahi, 3:2003 -2). According to the 2007 census about 25 percent of Iran's population live in rural areas (Statistical Center of Iran: 2007). So village as the smallest unit of life the national distribution requires the establishment of appropriate the cycle of development of the country. to achieve such goals, Of transitive in connection with the can be effective one of these factors; local management; Official Android Thread and knowledge management and especially the guidance and leadership, Is subject with human life and even before that has been (real, 5:2004). looking at the evolution of management of Rural can be downloaded in relation to rural communities there will always match the needs of staff various conditions felt by rural communities and nobody wants that come from the rural community village and take on leadership and rural people under

such a person would develop (Hosseini abri, 1:2002). after the

© 2013 Elixir All rights reserved

Islamic Revolution in Rural Management according to the constitution of a hundredth approved in 05/28/1998 councils to be given (helped tens of Affairs, 2005: 19). subsequent Parliament "Law on Organization of the Islamic Council of State» in the year 1361 and the electoral law in 1998 adopted (Ministry of Construction Jihad, 3:1375). in 1377, the law of self Administrators Establishment in the villages adopted and modeled urban management which consists of two entities city Council and the Mayor, the Interior Ministry was allowed up to Rural Affairs sustainable Rural Development organization called Administrators according to the characteristics of the resident's request, self-sufficient with independent legal personality over 20 households in the village over 35 thousand villages in the country, to Establishment (Badri and Mousavi, 15:2008), given the emerging nature of this entity field review by the municipal and Administrators country to satisfy villagers the operation was carried out in Qazvin Administrators (the population of this research is Administrators 9) the results show Tuesday Administrators successful performance, Tuesday Administrators

average performance and three Administrators with poor performance (office of Rural Studies and Planning, 16:2011), **Hypotheses**

1 - The social base Administrators (Age, education, social stratification) the performance of their in carrying out their duties Satisfaction for rural residents There is a significant relationship.

2 - The economic status Administrators (Occupation, income) the performance of their In carrying out their duties satisfaction for rural residents there is a significant relationship.

Research framework

The most common approach today is an approach that the process considers the man a few times. perceptual responses to the environment (Because of how environmental stimuli understanding and organizing their and react to them), emotional and motivational states associated with environmental stimuli (Or positive stress and negative emotions) and cognitive reactions to the environment. (Estimated richness, complexity and meaning of the environment). the model human being knows an internal processor and more internal processes mental and deals to the behavioral. The purpose of this model has been used by researchers, this was how does the human environment, understands feels ,It reacts (Altman, 250:2003). many people the things that can not be tend when what we want we can choose, satisfaction is our gain (Gyfvrd, 2004: 360-355). early studies of satisfaction of view is more dimensional look. for example, some researchers understanding of people's satisfaction have described a conceptual standpoint (, Michelson 1966 355 -360 pp). the dictionary satisfaction "Satisfying or gratifying and satisfying to" have meaning. happiness mode here, satisfaction and utility meet the needs and demands fulfilled and requirements referred by service providers the visitors will be created, satisfaction is called (F race, 23:2004). according to Cutler satisfaction is a function of the difference between the perception of individual performance expectations (Rahnavard, 21:2003).

Satisfaction and dissatisfaction of human physical and emotional behaviors that reflect the environment of the human mind. On the human environment and that human behavior affects the person. Human emotional behavior based on Kant's combination of circumstances, Hopes and dreams of a man facing his own life, as well as the effects of the environment on human perception is composed. analysis based on a combination of personal satisfaction with life, and adapt their lives with hopes and dreams is more consistent, greater satisfaction and vice versa. Therefore, based on the wisdom of Kantian perspective based on experience and reason (Foroughi, 202:2008). said to be based on the satisfaction of knowing, R'alysm and idealism that human subjects forms the perceptual system (Shayan et al, 160:2009).

Social Status: Social status is one of the basic concepts of sociology, social status is the person or group on a social level, in comparison with other groups to meet. Status and social status of the rights of benefits to the individual (Cohen, 83:2006). Many factors such as wealth, power, income, education and occupation, there is a measure of social status. In this study, we measured socio Administrators parameters (age, education and social stratification) have been used. Social status - economic: social stratification of people based on their rate of good quality, and ranks them according to their condition Holds social classes (Cohen, quoted Khvshfr, 2005: 17). In this study, we assess the

economic base Administrators indicators (income and jobs) have been used.

In the conservative view, and especially Fvnksyvnalysm, social inequalities as a necessary requirement for social acceptance and social class as an essential structure of society has been accepted. In this view, the function viability and survival of the classes that enable society into social inequalities and in fact they have an excuse to maintain the consistency and durability justify society. Contrary to this view, radicalism, try removing the inequalities in society and the promise of a classless society without oppression and extortion message that the disciples. The idea of the leadership, Karl Marx, the capitalist system into two classes, the proletariat and the capitalist division and causing social inequalities and extortion in the mode of production, the system has understood and accordingly all Ranjbaran and workers to overthrow the capitalist system and the capitalist world dictatorship of the proletariat and socialism is called liberation. eclectic view of the manner in which conservative ideas and solutions that have benefited and will benefit from radical, procedures intellectual ideas "Karl Marx" and "social stratification" Weber in the field of social stratification (high, medium and low) in case we have discussed (Giddens, 13:1373). according to the description provided, whether based on an action Administrators radical views have notification to attend either show, to the satisfaction of rural residents is significant.

Materials and Methods

Hassan Abad rural district the latest political divisions has 22 villages are therefore, in this study only 11 of its villages due to the 50 families have been studied. this research was a descriptive - analytic study. to collect the data needed the review of documents and Knabkhanh and field studies were used. the next step is to complete the information obtained, the sample size was determined to be interviewed. and also completed a questionnaire (questionnaire based on the theoretical framework), rural people were acting. to obtain samples In this study, a modified formula of Cochran (Hafez Nia, 142:2008). with a standard error of 5% and a confidence level of 95% is used the sample size was estimated that 267 households. in this study, simple random sampling is used as follows:



Data analysis software

Spss (Anova, Means and Independen samplest test) Compare that to achieve this important Is there any difference between the two groups was statistically significant or not Be used (Kalantari, 120:2003 - 118). Validity based on factor and component identification The history of research and expert opinion Experts and Rural Planning was Cronbach's alpha was used for reliability and the value of%90. Was approved. indicating the high reliability of the questionnaire.

Table (1) Cronbach's alpha based on standardized	items
--	-------

Cronbach's alpha	Cronbach's alpha based on standardized items	number
./90	./90	80

Source: Findings

Type Administ ratory	Number of question naires	Illite rate	Liter ate	Popula tion	Topogra phy	Fam ily	Village	
Part-time	25	170	447	689	Mountai nous	145	Kamar zard	
Part-time	22	190	388	637	Mountai nous	126	gorgi	
Part-time	24	179	428	668	Plain	139	Bagher abad sofla	
Part-time	22 175 372 594 Mountai nous					124	Bagher abad olya	
Part-time	26	189	427	690	Mountai nous	147	anjirak	
Part-time	18	135	313	106	Mountai nous	106	Tang shahan sofla	
Part-time	22	146	341	125	Mountai nous	125	Tang shahan olya	
Part-time	24	124	408	575	Plain	137	Shahid malki	
Part-time	47	211	839	1153	Plain	271	Hasan abad	
Part-time	18	82	359	486	Plain	106	seyakh or	
Part-time	19	128	362	539	Plain	111	vahada t	
11	267	1729	4917	6262	11	153 7	Σ	

 Table (2) distribution of sample villages Divided

Source: Statistical Center of Iran, 2007, the authors studied

The introduction of geographical area between 32 degrees and 44 minutes West of Islamabad city circuit to 34 degrees 40 minutes north latitude and 45 degrees 55 minutes to 46 degrees and 59 minutes east of the prime meridian is located. (West of Islamabad city's strategic development plan , 6:2005). The village of Hassan Abad in 2007, one of the seven administrative divisions Village West is a city of Islamabad. 46 degrees 39 minutes 29 seconds in length and a width of 34 degrees, 10 minutes, 4 seconds and a distance of 15 kilometers northeast of Islamabad and 40 kilometers from the city of Kermanshah is located. The village is a 22 (Tarmh: Android Green Consulting Engineers, 41:2009). The names of the villages in the figure (1) is shown.



Figure (1)Location of the study area in the province and the country Source: Database of Earth Science And the authors draw) www. Ngdir . ir.(

Findings of descriptive and inferential

1 - The first main hypothesis: between Administrators social status (age, education, social stratification) with their performance of their duties to the satisfaction of rural residents, there is a significant relationship.

H0: Administrators between age and performance in their duties to the satisfaction of the rural residents was no significant relationship.

H1: Administrators between age and performance in their duties to the satisfaction of rural residents, there is a significant relationship.

Table (3) shows that f Administrators calculated for age (8.308) at the 99% confidence level (P <0/01,) Sig and 263 degrees of freedom is significant. The difference between age and performance Administrators to be statistically significant.

 Table (3) Age Administrator

Sig	F	Df	ms	Ss	Source of change	Variable
.000	8.308	3	3.589	10.766	Between group	Age
		263	432.	113.596	Inter grou <i>p</i>	Administrator

Source: Findings

As Table (4) shows Significant differences between average group 40-30 years and 50-40 years, 30-20 years and 30-20 with 40-30 and 50-40 are but in the other groups. no significant differences between groups. therefore, we conclude that 40-30 Administrators age group years with four Administrator and the mean (3.20) increasing performance influence the Administrators on in carrying out their duties rural residents have for satisfaction and thus 99% in H1 hypothesis is confirmed and H0 hypothesis is rejected.

Table (4) Age Administrator per test (Anova and Means)

Age Administrator			99% Confidence Interval for Mean				Manager	%
	Mean	Std. Deviation	Lower Bound	Upper Bound	Minimum	Maximum		
20-30	2.83	.657	2.70	2.95	1	4	2	18.2
30-40	3.20	779.	3.01	3.40	1	5	4	36.4
40-50	2.65	.549	2.52	2.78	2	4	3	27.3
More than 50 years	2.94	.610	2.69	3.19	1	4	2	18.2
Σ	2.88	.684	2.79	2.96	1	5	11	100

Source: Findings

1-2 - There is a significant relationship between education and practice Administrators.

H0: The level of performance in carrying out their duties to the satisfaction of rural residents Administrators no significant relationship.

H1: The level of performance in carrying out their duties to the satisfaction of rural residents Administrators significant relation exists.

The data in Table (5) shows that f calculated for literacy Administrators (9.918) at the 99 percent level (P <0/01) Sig 263 and 3 degree of freedom is significant .confirm the hypotheses H0 and H1 error of 0.01 hypothesis is rejected.

Sig	F	Df	Ms	Ss	Source of change	Variable
.000	9.918	3	4.213	12.639	Between group	literacy Administrator
		263	0.425	111.723	Inter grou <i>p</i>	

 Table (5) literacy Administrator

Source: Findings

Table (6) literacy test Administrator terms (Anova and

									14.	10 and	<i>''</i>					
Administr or educati	at on						999 Co Int Me	% nfic erv ean	leı al	nce for				Ma r	anage	%
		M n	[ea	S E r	td. rro	ว	Lo [,] r Bo d	we un	U r B d	oun	M ini m	imu	M aximu m			
Lower secondary		2.	65	.0)64	4	2.5	2	2	.78	2		4	4		36. 4
	36 9. 18 10	5.4 1 3.2	4 1 2 11	5 4 5 5	1 1 2 1	2. 3. 3. 2.	.96 .22 .54 .96	2.7 2.6 3.0 2.7	, 59 09 79	.061 .126 .111 .042	 2.84 2.95 3.32 2.88 	Dip Ass Lice Σ	loma ociate deg nse	ree		-

Source: Findings

1-3 - There is a significant relationship between stratification and social Administrators performance.

H0: the social stratification and the performance of their duties to the satisfaction of the rural residents Administrators no significant relationship.

H1: the social stratification and the performance of their duties to the satisfaction of the rural residents Administrators significant relation exists.

Data in Table (7) shows that the calculated f Administrators for social stratification (3.114) confidence level of 95 percent (P <0/01) Sig 264 and 2 degrees of freedom and is significant. The difference between social stratification and performance Administrators there.

 Table (7) social stratification Administrator

Sig	F	df	ms	Ss	Source of change	Variable
.046	3.114	2	1.433	2.866	Between group	social
		264	0.460	121.362	Inter group	stratification
a	TT: 11					

Source: Findings

As Table (8) shows Significant differences between moderate social stratification and class Administrators there are high Administrators Upper class average (2.95) and No. 7 Administratory growing influence on the performance of their duties to the satisfaction of the Administrators to rural residents have In terms of test results (Anova and Means) of 99% confirm hypotheses H1 and H0 hypothesis is rejected.

Table	(8) Administrator	social	stratification	based	on	tests
	(Ano	ova and	l Means)			

%	M anage r			95% Confid Interva Mean	ence ll for			Social stratification Administrat or
		M aximu m	Minimu m	Upper Boun d	Lowe r Boun d	Std. Erro r	Mea n	
3	0/09	5	1	3.04	2.83	.055	2.93	Lower stratum
7	0/064	4	1	3.22	2.69	.126	2.95	Average
1	0/027	4	2	2.83	2.56	.067	2.70	Top class
1 1	100	5	1	2.96	2.79	.042	2.88	Σ

Source: Findings

2 - The second main hypothesis: between Administrators economic status (occupation, income) to rate their performance in fulfilling their duties to the satisfaction of rural residents, there is a significant relationship.

2-1 - There is a significant relationship between job performance and Administrators.

H0: the job performance of their duties to the satisfaction of the rural residents Administrators no significant relationship. H1: the job performance of their duties to the satisfaction of the rural residents Administrators significant relation exists.

 Table (9) jobs Administrator

Sig	F	df	ms	Ss	Source of change	Variable
94	2.004	4	1476.508	3.691	Between group	jobs Administrator
		262	736.920	120.761	Inter group	

Source: Findings

The level of significance (Sig) is greater than 5%, there is no significant relationship between job performance and Administrators, thus confirming the hypothesis H0 is rejected and H1 (H0 rejected if you do not need to test, Post Hoc and Means is not). And thus reducing the level of employment than Administrators significant impact on the performance of their duties to the satisfaction of rural residents have Administrators the villagers from paying job than administrators not satisfied. 2-2 - There is a significant relationship between income and performance Administrators.

H0:u₁=u₂ H1:u₁ \neq u₂ ادعا

Satisfaction in terms of income charged during the test, the significance level of 0.05 Fisher is lower, hence the assumption of equal variances is rejected. Therefore, a more careful analysis of test t, in the second row of the table (10), (by not assuming equal variances) are used. as seen in the table is noticeable, significance level of 0.05 is lower so why are not the hypothesis

95% confidence interval of the difference			-test t						income
up	down	Standard error of the difference	The mean difference	Significant (Domain 2)	d.f	t	Significant	F	
-2.3	-19.6	4.3	-11.011	.013	265	-2.5	.002	9.9	Assuming equal variances
4	-21.6	5.2	-11.011	.042	56. 4	2.08			By not assuming equal variances

Table (10) Average test two communities (Independen samplest test) between income and performance Administrator

Source: Findings

Table (12) test for parametric analysis of variance (Anova) Average performance Administrators settlements and villages in Hassan Abad

		95% Confidence Interval for Mean						performance
Maximum	Minimum	Upper Bound	Lower Bound	Std. Error	Std. Deviation	Mean	Ν	
3.93	1.53	2.9734	2.5226	.10923	.54615	2.75	25	Bagher abad olya
3.35	1.73	2.6665	2.2767	.09372	.43958	2.47	22	Tang shohan olya
3.98	1.25	3.2157	2.6926	.12642	.61933	2.95	24	Sey ah khor
4.50	2.05	3.7683	3.1294	.15360	.72043	3.45	22	vahdat
4.00	1.53	2.9457	2.4562	.11882	.60587	2.70	26	Bagher abad sofla
4.75	1.45	3.3434	2.5121	.19701	.83586	2.93	18	Tang shohanoly a
4.68	1.85	3.5130	2.8552	.15817	.74188	3.18	22	Shahid maleki
4.45	1.35	3.1459	2.4311	.17277	.84638	2.79	24	Kamer zard
4.35	1.25	2.9081	2.5291	.09415	.64546	2.72	47	Hasan abad
3.90	1.88	3.2582	2.7768	.11498	.51421	3.02	20	anjirak
3.45	1.93	3.2070	2.6930	.12125	.49992	2.96	17	gorgi
4.75	1.25	2.9589	2.7941	.04185	.68376	31.92	267	Σ

Table (13) yield Administrators rank every village in the rural village of Hassan Abad views

Rank	Performance Administrator	Average yield Administrator	Type of village	Number of households	Name of village
1	good	3.45	Mountainous	124	Bagher abad olya
2	good	3.18	Mountainous	125	Tang shohan olya
3	good	3.02	Plain	106	Sey ah khor
4	Average	2.96	Plain	111	vahdat
5	Average	2.95	Plain	139	Bagher abad sofla
6	Average	2.93	Mountainous	106	Tang shohanolya
7	Average	2.79	Plain	137	Shahid maleki
8	poor	2.75	Mountainous	145	Kamer zard
9	poor	2.72	Plain	271	Hasan abad
10	poor	2.70	Mountainous	147	anjirak
11	poor	2.47	Mountainous	126	gorgi

Source: Findings

H0 means that there is a significant relationship between income and performance Administrators and Administrators been satisfied with respect to part of the income therefore, to improve the performance of their duties (satisfaction of rural residents) do not fail.

Overall performance analysis Administrators In the village of Hassan Abad from the perspective of rural based on parametric tests (Anova), and analytical findings The data in Table (11) shows that f calculated for the overall performance Administrators the analysis of variance (Anova), (3.820) at a confidence level of 95% (5P <0/0) Sig and degrees of freedom, 256 and 10, from the perspective of villagers significant is.

Table (11) analyzed the overall performance Adm

Sig	f	df	ms	Ss	Source of change	Variable	
.014	3.820	10	1.615	16.148	Between group	Total	
		256	.423	108.214	Inter group	performance	

Source: Findings

In this study, in terms of functional tasks and Administratory Administrator the physical functions development, health - Environment - environmental and economic - financial, social - political and Staff - administrative division was. As shown in Table (12) is considered average performance Administrators Hassan Abad village settlements in view of the fact that rural villagers speech bagher Abad olya seyakhor and tange Shvhan to respectively 3.45, 3.18 and 3.02 had the best performance. Finally out of the worst of the villages Anjyrk and Gorgi to 2.70 and 2.47 respectively in the rural village of Hassan Abad said. Bagher Abad village in Upper seyakhor Creek and Upper Shvhan tight unity (ten gauze) with good performance Sadiq Abad, Lower, Lower Shvhan tight and Shahid Maleki (Aquarius) with average performance and yellow belt, Hassan Abad, Anjyrk and poor performance can be a Gorgi. Interestingly, as the center of the village of Hassan Abad district where the Administrator functionally weak in pain.

Conclusions

In order to effect Social and economic base Administrators Improve their performance For rural residents Satisfaction Study (Hasan Abad district in the city of Islamabad-gharb) were performed. the results of the data collected using parametric tests (Anova, Means and Independen samplest test) Summarized as follows:

1 - the total raised by social factors (age, education and social stratification) and the economic base of the (income) effect Administrators performance enhancers and in other jobs Administratory (employee, farmer, etc.) with respect to some reducing the impact on performance Administrators Administrator time in their duties to the satisfaction of rural residents have.

2 - Literacy Administrators one of the variables affecting the performance Administrators satisfaction of villagers. Administrator Baqrabad olya Village the law is a bachelor's degree Interviews with villagers and the overall performance of based on tests conducted ranked first with an average performance is good.

3 - in terms of overall performance Administrators test (Anova) Bagher Abad seya khor and tang Shvhan to respectively 3.45, 3.18 and 3.02 the best performance (good) in the rural districts of Hassan Abad and finally out Anjyrk villages and wolf worst performance (poor) to 2.7 and 2.47 respectively for rural residents are satisfied.

Resources

1 - Altman, Yerevan (2003): Environmental and social behavior (privacy, personal space, territory and crowding), translated by Ali fuzzy martyr Beheshti University, Tehran.

2 - Badri, Seyed Ali Mousavi, Sayed Arif (2008): Modern Management, Rural Press nursery; Tehran.

3 - Tarmh, Consulting Engineers (2007): Statistical analysis of structural design in West Islamabad (Islamabad City West).
4 - real, MA (2004): Theories of management, printing, Tehran, released in October.

5 - Hosseini cloudy, Hassan (2002): "The entry of rural geography", University Press, Isfahan.

6 - Hafez Nia, Mohammad Reza (2008): "Introduction to Research Methods in Human Sciences" Publisher: Published side of Tehran.

7 - Khvshfr, G. (2004): "Evaluation of public participation in creating, maintaining and expanding social security centers of Mazandaran province." Caspian: Secretariat of the Security Council of the province.

8 - Bureau of Rural Studies and Planning (2011): The municipalities and Dhyaryhay, Tehran

9 - Rhnvr, Farajollah (2003): "empowerment a step towards customer orientation" Process Management and Development Journal, 17, No. 59.

10 - Shayan, H., Tqylv, A. and R. K. Begay (2009): Assessment of satisfaction Skvngahy rural environments: a case study Kmyjan city, Journal of Rural Development, Year 13, spring. 11 - Talib, M. (2006): Management of rural Iran, Tehran University Press.

12 - Foroughi, Mohammad Ali (2008): Syrhkmt Europe, Volume II. Tehran: pilgrims.

13 - The governor of the city of Islamabad West (2005): West Islamabad city's strategic development plan, the Ministry of Interior, Governor of Kermanshah.

14 - Farhad race, Hajly (2009): "Management of client satisfaction in organizations", Journal of prudence, year 19, No. 97.

15 - Qadiri innocent and Riahi (2003): Evaluation of the axes and the Challenges of rural management, Geographical Research, No. 50, Winter 2003, Tehran.

16 - Kevin, Bruce (2006): Principles of Sociology. Translated by Ghulam Abbas Tavassoli, Reza Fazel. Tehran, the publisher, Ninth Edition.

17 - Police Station, KH (2003): Processing and Data Analysis in Social Research - Economics, Tehran University Press.
18 - Giddens, Anthony (1998): Sociology, translated by M. patience, Tehran, Kharazmi Publications.

19 - Gyfvrd, Robert (2004): Environmental perception and cognition, translated by N. Dehbashi, Journal of Architecture and Culture, second and third numbers.

20 - Dhyary Affairs, the Office of Program (2003): Sum rules Dhyary of Tehran, the country's municipalities.

21 - Statistical Center of Iran (2007): Detailed results of the Population and Housing Census.

22 - Green Thoughts Consulting Engineers (2009): Conductor Village Plan Review, "Hassan Abad," Hassan Abad district, Central, West Islamabad city.

23 - Ministry of Construction Jihad (1998): Public Participation, Jihad Magazine, Issue 23.