Factors influencing the relationship between the designer and the employer with emphasis on environmental factors of the contract location

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Introduction

Irregular expansion and unplanned development of cities, increase of urban traffic, congestion and occurrence of social conflicts, lack of recognition of human needs, loss of sense of belonging to the environment and other complications can be considered as inappropriate urban conditions and qualities that have side effects on health. Physically and mentally affect people and cause them to malfunction in the social, psychological and physical realms; It has also led to the emergence of new morals in individuals that directly affect others; These issues highlight the importance of addressing the issue of the quality of living space, part of which is our hand-made spaces, which are architectural works and urban spaces. Architects have found that designing an environment that is compatible with human desires in large communities and cities requires synergies with the knowledge that helps them overcome shortcomings (Tanideh et al., 2016). On the other hand, contracts specify the powers and obligations of the contracting parties, which is one of the most important factors in the success of projects in construction projects. Therefore, in order to reduce the differences between the two parties, one of the factors that is important before starting cooperation is choosing the type of contract location. The type of meeting environment and the psychology of the environment are the main factors in the research process that help the parties to conclude a contract.

Purposes of research:
- Reducing the psychological pressure of people by proper space design
- Achieving the Suitable environment to create a pleasant relationship
- A space to advance the employer-designer relationship to reach an understanding and contract

Research questions:
- What are the most important factors in designing public or meeting environments?
- What factors make a person feel better in the desired place and absorb that environment?

Research Hypotheses:
- ✓ It seems that design based on environmental psychology leads to a good relationship between architects and employers and ultimately advances goals and contracts as quickly as possible.
- ✓ It seems that attachment to a place calms a person and increases his interest in staying there.

✓ It seems that the quality and amount of light in an environment is effective and increases the amount of communication between people

. **Methodology**

This study is applied in terms of purpose and descriptive-survey in nature, in which information on concepts, theories and related questions has been collected through the library method and the study of internal and external articles. A researcher questionnaire was used to collect research information and data. This research is a questionnaire with 33 questions. These questions are taken from different articles and the type of questionnaire is semantic differentiation. This method contains contrasting attributes that represent the two poles of a continuum in which the respondent is asked. It can be marked on one of the degrees of continuity. In general, the questionnaire has been written and discussed around the axes of the place and environment of the meeting, the interests of the people, recognizing the values and attachments of the people that form the main variables. Analyzes are based on gender (male-female), age of participants and grouping of their jobs. Sampling is done in a cluster group and the statistical population in this study is the professors and students of architecture of Ilam University, engineers and employers and employees of the Engineering Organization of Ilam city and also those who clients to that place.

Results and Discussion

Analyzes are based on the highest percentage in each group or above 40%, which indicates the interest of that group in the topics.

Gender:

men and women are interested in places with many possibilities and like to have everything they want. The elements in the meeting environment are important to. They prefer meeting hours during the day and sunny times. Also, the meeting place should be reasonably clear. The last point is that the social class of the other person is important in the meeting.

Job:
1- The social class
2- The meeting place has used the latest technology.
3- The meeting place should have many facilities.
4- Pay attention to the elements inside the meeting space.
5- Healthy climate is one of the issues that is very important for all strata.
6- Social distances are one of the options that have been emphasized a lot.
7- Having beautiful views.
8- Groups are not interested in manipulating and moving items inside the place and prefer to keep everything in place and observe less movement in the environment.
9- Novelty is something that has been addressed and has a direct impact on technology.
10- Most groups like to meet on the day.
11- They also like the day to be a sunny day.
12- Regarding the color intensity used in the environment.

Age:
1- The meeting should be in an official place.
2- The environment has many possibilities and meets my needs.

3- Paying attention to the elements and tools in the environment
4- A place where one can think and reflect.
5- Have a healthy climate.
6- The design should be such that personal distances are observed.
7- The meeting place should be beautiful scenery.
8- To be new and fresh to induce a sense of freshness to the viewer.

Conclusion and suggestion

Each gender, age group, and occupation of humans has its own behavioral characteristics that vary at the group scale of behaviors, for each of which research-based suggestions have been made. In field research, the age, occupation and sexual conditions of the audience are considered. The results of research show that human beings behave in accordance with some spaces according to the cultural values of their environment. No matter how reminiscent of the place, the desire for a healthy climate, thinking and contemplation, freedom of action, communication with nature, privacy and the desire for the option of silence - crowds, beautiful views and landscapes, manipulation of space, the need for excitement and experience of being in the environment The more the person becomes attached to the meeting place, the more this attachment becomes dependent on the place and ultimately attracts the person there. The greater the attachment to the environment, the greater the degree of peace of mind and work of the parties and the possibility of concluding the conversation significantly.

The effect of light in the environment is effective on the psyche of people and can be fruitful in creating a better conversation. The amount of light in this space is also important in the amount of communication between the host and the visitor.

Suggestions: If the designer or planner proposes to design a place for a specific individual movement, according to the topics mentioned in the research, obtain the desired information and according to that space, places and facilities needed to design. For example, you can bring the age, type of job and gender of the visitor and predict the type of meeting space based on that.

If we want to consider a general space for the public, it is suggested to use the results of the bivariate descriptive test in the age group and also in the selected topics section of the bivariate descriptors in the Pearson test in our design to fit the general conditions. To be considered with the public.

Keyword: Environmental Psychology_ Meeting Place _ Memory _ Attachment

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References

Persian References
- Tandideh, Anahita et al. (2016). Environmental psychology, in relation to the business environment. National Conference on Applied Research in New Horizons of Civil Engineering and Architecture. Bushehr. Islamic Azad university. (In Persian)
- Mortazavi, Shahrnaz. (2001). Environmental psychology and its application. Shahid Beheshti University Press, Tehran. (In Persian)
- Naghizadeh, Mohammad. (2003). Engineers and the principles of engineering ethics in Iranian culture. Knowledge. 135-136. (In Persian)

- Ghorbani R, Teimouri R. An Analysis on the Role of Urban Parks in Urban Life Quality Improvement; Using "Seeking – Escaping" Method, The Case: Urban Parks of Tabriz. Journal of Human Geography Research. 2010; 42(72): 47-62. (in Persian)
- Dizji, Nazi. Sajjad et al. (2010). Ethics in architecture. Quarterly Journal of Ethics in Technology. Fifth year. Numbers 3 and 4. (in Persian)
- Dr. Kateb, Fatemeh et al. (2007). The effect of indoor lighting on quality of life and human moral behaviors. Journal of Ethics in Science and Technology, Faculty of Arts, Al-Zahra University, Tehran. Iran. (In Persian)
- Rastegar, Abbas Ali. Hashemian, Seyed Mohammad Hussein Alavi, Seyed Safar (2017). Environmental values and lifestyle are the determinants of (ecological) consumer behavior. Scientific-Research Quarterly (Improvement and transformation), number 83, Pages 69-92. (In Persian)

Latin References

- Kiyosaki, Robert. (2016). Have a billionaire financial intelligence book. Tehran. Taherian Publications. Translator: Samaneh Fallah. Page 251.
- Altman, Irwin. (2003). Environment and social behavior, privacy, personal space, territory and crowds. Tehran. Shahid Beheshti University Press. Translated by Ali Namazian.
- Suprapto M., Hans L.M., Herman G., Marcel J.C.M. (2015). How do contract types and incentives matter to project performance, International Journal of Project Management.
- Palsma, Johanni. (2009). Skin eyes, architecture and sensory perceptions. Tehran. Ganj Honar and Parham Naghsh Publications. Translated by Ramin Quds.
- Boa, Ben. (1997). The beauty of light. Tehran. Soroush Publications. Translation: Parviz Ghavami. Pages 15-110.
- Youn S. H. (2000). The Dimensional Structure of Consumer Buying Impulsivity: Measurement
  Validation Unpublished Doctoral Dissertation. University of Minnesota Minneapolis MN.
- Kahle, L.R., Beatty, S.E. and Homer, P. (1986), "Alternative measurement approaches to consumer values: the List of Values (LOV) and Values and Life Style (VALS)", *Journal of Consumer Research*, Vol. 13, December, pp. 405-9.
- Thogersen, J. and Ö Lander, F. (2002), "Human values and the emergence of a sustainable consumption pattern: a panel Study", *Journal of Economic Psychology*, Vol. 23 No. 5, pp. 605-30.
- Thogersen, J. and Ö Lander, F. (2003), "Spillover of environment friendly consumer behavior", *Journal of Environmental Psychology*, Vol. 23 No. 3, pp. 225-36.
- Smith. N., and Low, S. (2006). The imperative of public space. In N. Low and S. Altman (Eds). The politics of the space (pp. 3_4). London: Routledge.
- Hidalgo, M. C. and Hernandez, B. (2001). Place attachment: conceptual and empirical questions. Journal of environmental psychology, 21, 273-281. http://dx.doi.org/10.1006/jevp.2001.0221

- Stedman, R. C. (2006). Understanding place attachment among second home owners. *American Behavioral Scientist, 50*, 187-205. http://dx.doi.org/10.1177/0002764206290633.
- Billig, M. (2006). Is my home my castle? Place attachment, risk perception, and religious faith. *Environment and Behavior, 38*, 248-265
- Hay, R. (1998). Sense of place in developmental context. *Journal of Environmental Psychology,18*, 5-29.
- Evans, G.W. (2003). *The Built Environment and Mental Health*. Journal of Urban Health: Bulletin of the New York Academy of Medicine, 80(4): 536-555.
- Low, S. M. (1992). Symbolic ties that bind. In I. Altman & S. M. Low (Eds.), *Place attachment* (pp.165-185). New York: Plenum Press.
- Mazumdar, S., & Mazumdar, S. (2004). Religion and place attachment: A study of sacred places. *Journal of Environmental Psychology, 24*, 385-397.
- Scannell, Leila. and Gifford, Robert. (2017). The experienced psychological benefits of place attachment, Department of Psychology , University of Victoria , Victoria, British Columbia, Canada V8W 3P5. 10.1016/j.jenvp.2017.04.001
- Altman, I., & Low, S. M. (1992). *Place Attachment* (Softcover reprint of the original 1st ed. 1992 edition). Springer.
- Bugden, Dylan. And Stedman, Richard. (2019). Place and behavior: The role of accessibility, *Journal of Environmental Psychology.* https://doi.org/10.1016/j.jenvp.2019.04.008
- Ryan, M. M., & Ogilvie, M. (2001). Examining the effects of environmental interchangeability with overseas students: A cross cultural comparison. *Asia Pacific Journal of Marketing and Logistics*, *13*(3), 63-74. http://dx.doi.org/10.1108/13555850110764838
- Montgomery, J. (1998) Making a City: Urbanity, Vitality and Urban Design.Journal of Urban Design, 3: 1, 93-116.
- Landis, J. R., & Koch, G. G. (1977). The measurement of observer agreement for categorical data. *Biometrics, 33,* 159–174.
- Gustafson, P. (2001). Meanings of place: Everyday experience and theoretical conceptualizations. Journal of Environmental Psychology, 21, 5-16.
- Hasanudin, L. (2003). A Comparative Analysis of Perception of Urban Landmarks Between Designers, Non-designers and Laypublic: Kuala Lumpur Malaysia. Unpublished PHD Thesis, University of Sheffield.
- Rose, G. (1995). Place and identity: A Sense of Place. In Massey, D. and Jess, P. (eds) A place in the world: Places, cultures and globalization. 87–132. Oxford: Oxford University Press.