Explanation of Sustainable Architectural Design Motivators with Respect to the Concepts of Sustainability

ABSTRACT: For more than half a century, the concepts of sustainability has appeared in developed countries with holding several ... world are explained and their potentials and defeats are analyzed in order to use its advantage and avoid its defeats.
Patterns Retrieved from Islamic Wisdom in Iranian Islamic Architecture; Case Study Amir Flint of Yazd
Parhizkari Z.


**ABSTRACT:** Various aspects of Iranian art, including architecture principles are the same in structure, Iranian Architecture, Islamic architecture, Islamic architecture philosophy, Yazd.

**Keywords:** Contemporary Architecture, Iranian Architecture, Islamic architecture, Islamic architecture philosophy, Yazd.

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Feizi Z, Hosseinpour M.


Evaluating and Ranking Degree of Development in the counties of Kurdistan Province by Using Morris Quantitative Indicator.
ABSTRACT: Due to the necessity of integrated regional development, dependency analysis of human settlements in the level of areas shows that Bijar and Sanandaj Counties are in the first and second ranks and other counties are in the following ranks.

Keywords: Development, Kurdistan, Morris Index.
ABSTRACT: Townscape that is part of the city supervisory to get and understands it, in the other hand the layer of the city in the atrium how to achieve it, and finally review the sample managed atrium application to improve the townscape quality.

Keywords: Townscape, Atrium, Urban Space, Public Space, Sustainable Approach.
Moradi M. (2014). "ABSTRACT: Regarding that constructing intelligent houses can meet a great part of users' needs, it is necessary to study parameters ... some extent in short times for designers. This research is followed in analytical-descriptive way and by library studies."

Keywords: Intelligent buildings, Mental frame, Parametric architecture, Physical frame.

Salehi M, Mousavi M, Kashkooli A.B. (2014). "ABSTRACT: Spread of urbanization lead to increasing the environmental problems for urban residents that it hasn't agreement with ... presented for reducing the environmental problems in cities of Yazd province and get to urban sustainable development."

Keywords: Environment, Sustainable Development, Pollution, Waste Waters, Cities of Yazd Province.

Bairami A, Tabibian M. (2014). "ABSTRACT: Housing is one of the first things that humans have always had to grapple with and always trying to find appropriate and sustainable solutions. This research is a comprehensive study of new residential buildings in the urban centers of Tehran metropolitan area during the years 1986 to 2006 and the peak is year 1996."

Keywords: Metropolitan Area, Sustainability, Residential Buildings, Building Strength, Assess the Degree of Development.

"Ecological Design Process, the Way toward Improve Modern Sustainable Architectural Design"
Ecosystem

- Plant
- Animal
- Soil
- Climate

Physical Environment

Investigating the Thermal Behavior of Wind Catcher Room of Rasoulian House in Yazd and Proposing Some Methods for its Improvement

Essay on Characteristics of the Quadruplet Elements and Strategic Analysis of the Performance

Studying the Significance and Effect of Parks and Green areas on Improving the Citizens' Life and Embellishing Urban Spaces Based on the Seeking-Escaping Theory (Case Study: Shiraz Parks)
ABSTRACT:

The increasing growth of population as well as the complexity of urban issues, lack of appropriate financial and human resources, and absence of appropriate space for realizing different programs and policies, and etc can make urban spaces tired, running away from routine, and etc and these spaces have significant effect on embellishing urban spaces.

Keywords: Park, Green Area; Improving Life; Embellishing City; Seeking-Escaping Theory

ABSTRACT:

The quick growth of the population of the country and the subsequent growth in urban development cause an increase in traffic and pollution of the city. The aim of this paper is to study the relationship between electronic payment and reduction of intra-town trips, and subsequently consolidation of urban architecture.

Keywords: Information and Communication Technology, intra-town trips, electronic payments, Yazd Township

ABSTRACT:

Though the experience of pedestrian establishing in the world backs to 70 years ago, this is a new approach in Iran. In this paper, we evaluate the experience of pedestrian zones in Tehran, and based on the data collected from citizens and authorities, we refer to the strengths and weaknesses of pedestrian zones in the city. We finally present some recommendations to make pedestrian zones more effective in improving urban life.

Keywords: Pedestrian Zone, Evaluation, Comparative Comparison, Tehran

ABSTRACT:

Today towns are regarded as efficient elements of economical development of countries. Towns have various capabilities to increase the quality of life of citizen, contribute to the efficient and sustainable development of the country, and subsequently facilitate the identification of the area and subsequently, to constant development.

Keywords: Tourism, Information and Communication Technology, Entrepreneurship, Economic Development, Abarkouh
Assessment of Developed Neighborhoods to Earthquake Risk (A Case Study of Qaradiyan Neighborhood of Sanandaj City)

Habibi K, Tavallaei R, Azami M.


ABSTRACT:
Earthquakes are known as a recurrent phenomenon during history. In most cases, they have destructive effects on human progress. The high loss of life and property during earthquakes is due to the lack of a rational Earthquake Risk Assessment. Qaradiyan neighborhood of Sanandaj city is a very old neighborhood in the west of Iran. Most of this neighborhood's buildings are made of mud and are single story. The lack of a rational planning and a secure design of buildings is the main reason for all the mentioned destructive effects. To increase awareness of the community, a Fuzzy model is used to assess the earthquake risk of this neighborhood. The results of this model show that many areas of the neighborhood are in the high risk level.

Keywords:
Urban Sustainability, Vulnerability, Crisis Management, Fuzzy model

Sustainable Urban Development and Issues Dominating Design of Bike Lanes (Focusing Hamedan of Iran)

Rismanian M., Habibvand N.


ABSTRACT:
Nowadays with the increasing importance of issues such as sustainable development, and green transportation, using bike lanes is considered as an efficient tool to develop urban areas. Hamedan city of Iran is selected as a case study to investigate the obstacles and problems of design and management of bike paths. The results of this investigation show that the main problems in design and management of bike paths are lack of planning, lack of maintaining and lack of security equipment.

Keywords:
Transportation Environment, Design Requirements, Comfortable And Easy Path, Standard, Path Continuity

Learning from European Capitals of Culture Program in Developing Urban Tourism

Jalalian Hosseini SM, Pourjafar MR, Ranjbar E.


ABSTRACT:
Cultural potential in today's urban design literature is considered as an efficient tool in urban regenerating in terms of economic infrastructure, enhancing national pride and confidence and strengthening cultural cooperation in Europe. This paper presents the way that the European Capitals of Culture Program can be used as an efficient tool to develop tourism in Iran. The results of this investigation show that the European Capitals of Culture Program can be used as a useful tool to develop tourism in Iran.

Keywords:
Capital of Culture Program; Europe's Experiences; Urban Tourism

Converting the Village to City and Sustainable Urban Development (A Case of Fars Province - Iran)

Omidi S, Khatoon Abadi A, Ebrahimi MS.


ABSTRACT:
In the recent years, increase in urban centers by promoting the big and susceptible villages is considered as one of the main factors in indicators: increased tax costs, reduction in pasture land and difficulty of keeping livestock in the city limits. This study explores the possibility of converting villages to cities in Fars Province of Iran. The results of this investigation show that converting villages to cities can be an efficient tool in developing urban centers.
The Influence of Material Properties and the Geometrical Parameters of the Operating Arch on the Stability of Vaults

ABSTRACT:
One of the key elements in architecture is vault. Because timbers are locally available only in certain parts of Iran, they are used for this purpose. This study is an experimental research in which the material and geometrical parameters of the arches are considered as the major factors affecting the stability of the vaults. The results of this study clearly revealed the effective role of geometric parameters, materials and thickness of arch base in vault stability.

Keywords:
Sustainable architecture; Stability; Generate arch; Geometry; Material.

Study of Talesh City Architectural Design Based on Regional Climate

ABSTRACT:
Architecture climatology is a branch of applied climatology that affected human life. The structure of buildings in Talesh city is unique and is because of the special climatic conditions. Climatic conditions of Taleh are used in this paper. This data are taken from the Meteorological organization which related to the years of 1992 to 2012.

Keywords:
Climate, Architecture, Talesh, comfort, Mahoney