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

Original Article, D13
Kazemi M, Akbarian M.

ABSTRACT: For more than half a century, the concepts of sustainability has appeared in developed countries...
Patterns Retrieved from Islamic Wisdom in Iranian Islamic Architecture; Case Study Amir Flint of Yazd
ABSTRACT: Various aspects of Iranian art, including architecture principles are the same in structure, Iranian Architecture, Islamic architecture, and patterns in urban spaces. These aspects serve as a basis for the endogenous approach, an attitude that may lead to a redefinition of the leading providers of Islamic architecture.

Keywords: Contemporary Architecture, Iranian Architecture, Islamic architecture.
ABSTRACT: Due to the necessity of integrated regional development, dependency analysis of human settlements in the Kurdistan region, using the Morris Index, is performed. The results show that Bijar and Sanandaj Counties are in the first and second ranks, while other counties are in the following ranks.

Keywords: Development, Kurdistan, Morris Index.

The New Attention to Atrium for Creating Sustainable Townscape
Original Article, D16
Kazemzadeh M., Sheikh Asadi F.

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.

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Making-Intelligent Place of Buildings in Parametric (Algorithmic) Architecture
**ABSTRACT:**

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

**Keywords:** The Wind Catcher, Thermal Comfort, Natural Ventilation, Solar Vent Hole.

**ABSTRACT:**

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

**Keywords:** Quadruplet Elements, Ecology Architecture, Swot, Renewable Energy, Sustainable Architecture

**ABSTRACT:**

Studying the Significance and Effect of Parks and Green areas on Improving the Citizens’ Life and...
ABSTRACT:
The increasing growth of population as well as the complexity of urban issues, lack of appropriate financial and human resources lead to people tiredness, 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 the number of intra-town trips. The aim of this study is to investigate the role of electronic payment in reducing intra-town trips and sustainable 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 study, strengths and weaknesses of Tehran pedestrian zones have been investigated.

Keywords: Pedestrian Zone, Evaluation, Comparative Comparison, Tehran

ABSTRACT:
Today towns are regarded as efficient elements in economical development of countries. Towns have various capabilities to attract tourists and contribute to local economic development. The tourism potential of towns has a role in finding an identity and generating identity for the area, contributes to facilitate the identification of the area and subsequently, to constant development.

Keywords: Tourism, Information and Communication Technology, Entrepreneurship, Economic Development, Abarkouh
Assessment of Less 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 life, infrastructures, durable buildings and their low resistance of structure to earthquakes are some of the features of this district.

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 bicycle in urban planning, despite the requirements, conflicts and problems, are investigated. In this article, design requirements, conflicts and problems of design and management of bike paths in Boulevard Eram Hamedan are considered as an efficient tool.

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 its impact on tourist arrivals, enhancing national pride and confidence and strengthening cultural cooperation in Europe.

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 a solution to population increase and the increase in urban centers' activities, but some indicators: increased tax costs, reduction in pasture land and difficulty of keeping livestock in the city limits.
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, in some regions of the country, the use of these timbers is due to the inaccessibility of other types of materials. In this research, the role of the geometrical parameters of the vault, material properties, and their thickness on the stability of the vaults is investigated. The experimental results 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 area, a mountainous region in Mazandaran Province, is a result of the interaction of human and the climatic environment. The thermal comfort of buildings is a factor that can be affected by the design of buildings. In this research, the microclimate of a case study area (Talesh City) as an example of the mountainous area and the effect of these factors on the climatic comfort of buildings are investigated. For this purpose, the meteorological data of the study area are used. This data are taken from the Meteorological organization which related to the years of 1992 to 2012.

Keywords:
Climate, Architecture, Talesh, comfort, Mahoney