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

![Graphical Abstract](image)

**Original Article, D13**

Kazemi M, Akbarian M.


**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
Original Article, D14
Parhizkari Z.

ABSTRACT: Various aspects of Iranian art, including architecture principles are the same in style and component. However, there are different aspects in comparison with the contemporary architecture. An endogenous approach may lead to a redefinition of the leading providers of Islamic architecture.

Keywords: Contemporary Architecture, Iranian Architecture, Islamic architecture, Yazd

pii: S225204301400015-4

Evaluating and Ranking Degree of Development in the counties of Kurdistan Province by Using Morris Quantitative Indicator
Original Article, D15
Feizi Z, Hosseinpour M.
ABSTRACT: Due to the necessity of integrated regional development, dependency analysis of human settlements in the level of areas was done. The result of the dependency analysis showed 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.

The New Attention to Atrium for Creating Sustainable Townscape
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.

pii: S225204301400017-4
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.

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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.

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ABSTRACT:

Housing is one of the first things that humans have always had to grapple with and always trying to find appropriate and ... construction in the urban centers of Tehran metropolitan area during the years 1986 to 2006 and the peak is year 1996.

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

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ABSTRACT:

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

ABSTRACT:
Yazd traditional houses are valuable and precious inheritance from our ancestors; therefore, some actions such as preserving their originality and making minimum changes in the body of the building to prepare thermal comfort for its users are necessary.

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


ABSTRACT:
Our ancestors were attention to nature and to preserve the purity and sanctity of it. This is particularly has been true in the use of some specific elements like the quadruplet elements and the approach the maximum exploitation of the dominant element in any area or in other words ecology.

Keywords:


ABSTRACT:
ABSTRACT:
The increasing growth of population as well as the complexity of urban issues, lack of appropriate financial and human resources, and fatigue, exhaustion, running away from routine, and etc and these spaces have a 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 need for the satisfaction of people in all aspects of life. Some of these needs are related to the quality of the city life and its accessibility. The use of electronic payment systems is one of the most important advances in urban development. The use of this technology can reduce intra-town trips and increase the quality of urban architecture.

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

ABSTRACT:
Though the experience of pedestrian establishment in the world goes back to 70 years ago, this is a new approach in Iran. In urban development, there is no significant attention to the elderly, people with disabilities, and the environment. Inadequate pedestrian zones, ignorance of public participation have negative effects on citizen satisfaction.

Keywords: Pedestrian Zone, Evaluation, Comparative Comparison, Tehran

ABSTRACT:
Today towns are regarded as efficient elements in the economical development of countries. Towns have various capabilities, and the development of towns is one of the priorities of the government. Every day, the development of towns is the result of economic growth and appropriate planning. The development of towns can be caused by the lack of attention to the environment, the location of 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 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, physical structures, 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 bike paths is considered as an efficient tool to meet these demands. Despite the importance of bike lanes in increasing the efficiency of the system and optimizing traffic, the design requirements, Comfortable And Easy Path, Standard, Path Continuity, are of great importance in the design of bike lanes.

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 indicators: increased tax costs, reduction in pasture land and difficulty of keeping livestock in the city limits.

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 an efficient tool in urban regenerating in indicators: increased tax costs, reduction in pasture land and difficulty of keeping livestock in the city limits.

Keywords: City, Conversion, Policy, Rurban, Village.
The Influence of Material Properties and the Geometrical Parameters of the Operating Arch on the Stability of Vaults

Valibeig N, Esmaeili M, Ansar A

ABSTRACT:
One of the key elements in architecture is vault. Because timbers are locally available only in certain parts of Iran, this type of construction is in fact widely used in Iran. The stability of this type of construction is a key issue. In this research the stability of vaults under the effect of the geometric parameters and the properties of material is studied through analytical modeling. It is 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

Rezayi Banafsheh M, Nasiri Ghalebin S, Zarei J.

ABSTRACT:
Architecture climatology is a branch of applied climatology that affected human life. The structure of buildings in this area is directly linked to Talesh climate. In this study, the role of climate in this architectural design was studied and the climatology data for Talesh were used. This data are taken from the Meteorological organization which related to the years of 1992 to 2012.

Keywords:
Climate, Architecture, Talesh, comfort, Mahoney.