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 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
**Original Article, D14**

Parhizkari Z.


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

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**Original Article, D15**

Feizi Z, Hosseinpour M.


Evaluating and Ranking Degree of Development in the counties of Kurdistan Province by Using M...
ABSTRACT: Due to the necessity of integrated regional development, dependency analysis of human settlements in Kurdistan is done. In this study, 12 counties of Kurdistan are selected. The results show 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.
ABSTRACT:
Regarding that constructing intelligent houses can meet a great part of users' needs, it is necessary to study parameters that intervene in their construction and the relationship between these parameters and users' needs. From this concern, this research, regarding the construction of intelligent houses, tries to analyze some of these parameters based on users' mental frame and the physical frame of the houses. The purpose of this research is to examine parts of the intelligent house in 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.

ABSTRACT:
Spread of urbanization lead to increasing the environmental problems for urban residents that it hasn't agreement with sustainable development. That is why it is necessary to present the sustainable development indexes for reducing the environmental problems in cities of Yazd province and get to urban sustainable development. This study focuses on assessing and classifying the environmental problems in Yazd province. In this study environmental problems were studied in five main categories including: water resources, linear metabolism, disregarding wastewater, thermal regulations and transport regulations. The assessment and classification was done by sustainable development indexes and with the help of analytic hierarchy process, a sustainable development index was obtained for each category and its general index. The index of water resources was the highest and disregarding wastewater was the lowest. This study can be useful for sustainable development of urban centers of Yazd province.

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

ABSTRACT:
Housing is one of the first things that humans have always had to grapple with and always trying to find appropriate and sustainable residential buildings. Based on this fact, this study is aimed at sustainable residential buildings in the Tehran Metropolitan Area during the years 1986 to 2006 and the peak is year 1996. This research was done by the help of source analysis and secondary data and the criteria of physical characteristics of buildings and the impact of building on the environment were the mean characteristics of housing in the Tehran Metropolitan Area. The environmental and ecological aspect of houses are the main criteria for selecting sustainable residential buildings. The research is followed by analytical and descriptive way and through literature studies.

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

ECOLOGICAL DESIGN PROCESS, THE WAY TOWARD IMPROVE MODERN SUSTAINABLE ARCHITECTURAL DESIGN
ABSTRACT:
Nowadays the main question of designers is about the consequences of their activities on the natural environment that how ... of design was presented in form of a table to make the designer to be capable to the accurate and classified design.

Keywords: Ecology, Built Environment, Sustainable Architecture, Ecological Design.

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

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

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

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

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ABSTRACT:
The increasing growth of population as well as the complexity of urban issues, lack of appropriate financial and human resources, issues of health and environmental pollution, mental 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 environmental pollution, transportation, congestion, and socio-economic problems. The use of information and communication technology (ICT) and electronic payment is one of the factors that can be used in solving these problems. The development of electronic payment and reducing the number of intra-town trips can be a new approach to solving urban problems. Therefore, this paper tries to investigate the role of electronic payment in reducing intra-town trips and sustainable urban architecture. A case study for Yazd Township is selected in order to achieve the aim of the study.

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 recent years, several pedestrian zones have been established in Tehran. The purpose of the current study is to investigate the factors affecting the strength and weakness of pedestrian zones and their impact on citizen satisfaction.

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 affect the economic development 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 ... spaces, 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 ... development, while investigating obstacles and problem of design and management of bike paths in Boulevard Eram Hamedan.

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 regeneration in order to improve urban spaces, attract domestic and international tourists, and increase the urban economy.

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 susceptive villages is considered as one of the 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

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 research was conducted. The results showed 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 Talesh city is investigated in this research. Climatic data of the environment 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