ABSTRACT: Various guidelines that can response different climatic, cultural, and social human needs have been created by sustainable architecture patterns in the Turkmen native housing in Iran. Different types of brise-soleil, and the need for ventilation and insulation have been designed to protect against the summer heat and winter cold climate. The environment and economy existed in life and housing architecture of Turkmen society has been investigated.

KEY WORDS: Native Architecture, Sustainable Architecture, Turkmen, Housing
SOCIAL SUSTAINABLE DEVELOPMENT RECOGNIZED AND EXPLAINED: (A CASE STUDY, ZAYANDEH RUD HISTORICAL, NATURAL LANDSCAPE IN ESFAHAN, IRAN)

Rahravipoodeh S, Momayez S, Purya-ye-vali A H

J Art Arch Stud, 3(1): 07-14, 2014

ABSTRACT:
Formation as well as development history of Esfahan shows strict parallels with social contexts in most periods. An investigation of the transformation of the city is an important issue that has to be considered. In this paper, Sustainable Development is depicted and explained in the Zayandeh Rud historical landscape in Esfahan, Iran.

KEY WORDS:
Esfahan, Recognizing, Sustainable Development, Zayandehrud Historical-Natural Zone/Landscape

TO FIT URBAN SPACES WITH AN EMPHASIS ON THE NEEDS OF LESS-ABLE INDIVIDUALS (CASE STUDY: THE SIDEWALK OF ZAND STREET OF SHIRAZ)

Daverinezad M, Rahnama M


ABSTRACT:
Disablement, as a social and biological phenomenon, is a reality that apart from the rate of development, both industrial and urban, and the progress of the society, the care of the disabled in Shiraz city has been neglected. This study aims to implement some of the necessary changes in the Zand street to provide facilities for the disabled.

KEYWORDS:
To Fit Spaces, The Disabled People, Sidewalk, Zand Street of Shiraz.

ANALYZING SUSTAINABILITY OF RESIDENTIAL NEIGHBORHOODS; (CASE STUDY: JAHEDSHAHR NEIGHBORHOOD OF MASHHAD)

Eghbali N, Malekabadi S I


ABSTRACT:
Neighbourhood is a familiar sign for all citizens because they feel close to it. Concept of neighbourhood as a place for living and interaction, and its characteristics, provide some of the effective criteria for the sustainability of the residential neighborhoods. The Jahedshahr neighborhood of Mashhad has been used as a case study to analyze the sustainability of the residential neighborhoods (in which urbanization principles and criteria based on principles of sustainable development are considered).

KEYWORDS:
Jahedshahr, Neighbourhood, Sustainable Development.

A STUDY ON INSTANCES OF SUSTAINABILITY IN THE ARCHITECTURE OF THE COLD, WARM AND DRY CLIMATES BUILDINGS

Izadi A, Haghani G


ABSTRACT:
Architecture and urban design in Iran's central and desert areas, having the most compatibility with its climatic, social, and cultural conditions, have many features which make it possible for it to adapt to the climate. This paper, in the research method, tries not only to reach solutions for current climatic issues, but also to move toward Iranian architectural identity.

KEYWORDS:
Warm and Dry climate, Cold Climate, Residential Architecture, Introversion.

USTAINABLE HOUSING AND FLEXIBILITY PATTERNS IN THE RESIDENTIAL COMPLEXES

Bayram Zadeh H, Khan Mohammadi M, Fallah A, Abdi B

J Art Arch Stud, 3(1): 36-45, 2014

ABSTRACT:
In today's constructions, the sustainable development is considered as one of the important issues. The sustainable development should be introduced in order to provide an effective result for the sustainability of the buildings from the physical-functional dimension during the time.

KEYWORDS:
Residential Complex, Sustainability, Flexibility, Time.

A COMPARATIVE STUDY OF DESIGN PRINCIPLES IN THE ARCHITECTURAL STYLES ASSOCIATED WITH SUSTAINABILITY AND SUSTAINABLE DEVELOPMENT

Nouri M


ABSTRACT:
The main root of environmental and sustainable architecture movement dates back to the 19th century. Relying on some of the theoretical and practical approaches, this study, in the research method, tries to compare the design principles of some sustainable architectural styles in order to provide some solutions for the present issues of sustainable development.

KEYWORDS:
Design, Architecture Style, Sustainability, Sustainable Development

SUSTAINABLE LOCAL PLANNING FOR SUPPLYING PARKING SPACE IN RESIDENTIAL APARTMENTS IN ORDER TO BALANCING OF BARRIERS AND PROBLEMS CAUSED BY INCREASING BUILDING DENSITY

Moeini M


ABSTRACT:
It is obvious that in the machine related world, parking space is as important as other spaces in a building, then it is very necessary to have appropriate strategies to deal with parking space. This study aimed to introduce a local sustainable planning for supply of parking space in residential apartments in order to maintain the quality and quantity of living space.

KEYWORDS:
Parking Space, Construction Density, Compact City, Golsar Neighbourhood, Rasht.

THE ROLE OF INTROVERTED ARCHITECTURE AND URBAN DESIGN TO REDUCE ENERGY CONSUMPTION IN ORDER TO ACHIEVE SUSTAINABLE DEVELOPMENT WITH EMPHASIS ON WARM AND DRY CLIMATE (CASE STUDY: YAZD)

Aslani E; Zarereaisabadi M; Ansarisadrabadi A


ABSTRACT:
In today's world, the increasing population, exceed growth of urbanization and lack of non-renewable resources does not have appropriate planning for sustainable development. This study is an attempt to introduce the sustainable architecture design principles in the architecture of Yazd city.

KEYWORDS:

PRINCIPLES OF ENVIRONMENTAL DESIGNING WITH A SUSTAINABLE AND ARCHITECTURAL APPROACH: A CASE STUDY (MALTHER, HAMEDAN)

Hajibabaei N, Hajibabaei S, Hajibabaei S


ABSTRACT:
Nowadays, the excessive use of fossil energy sources, on the one hand, and the environmental pollution caused by its consumption, on the other hand, have forced the humanity to search for alternative energy sources. This paper is of a descriptive-analytical essence; meanwhile, it benefits from the findings of the library and field studies.

KEYWORDS:
Environmental Designing, Sustainable Architecture, Vernacular Architecture, Renewable Resources, Climate