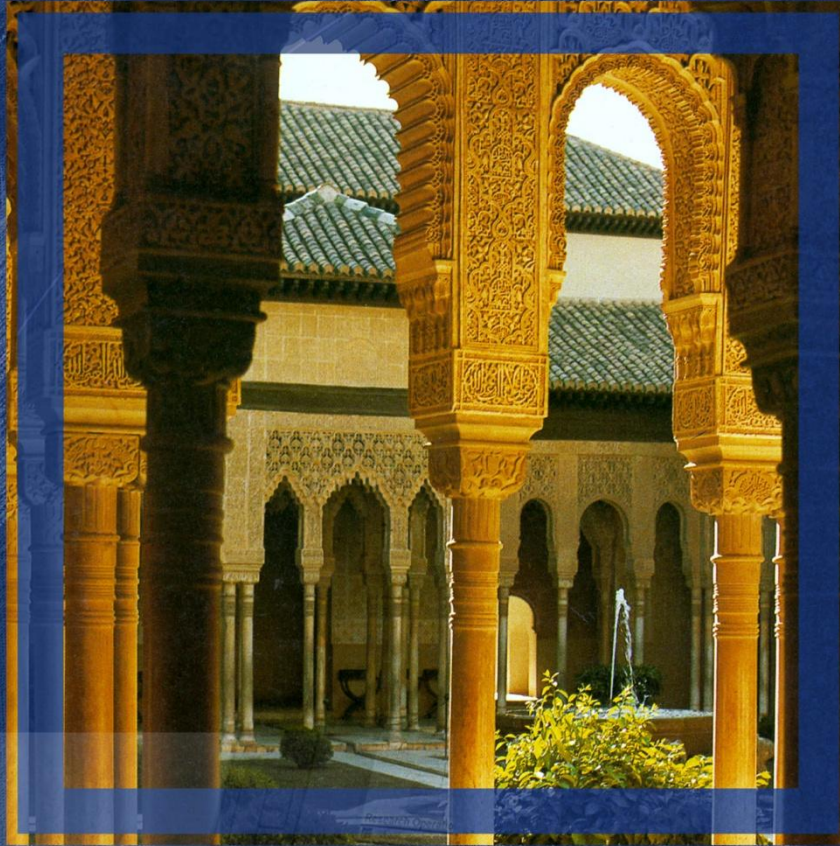


Encyclopedia of Islamic Architecture



Osama Alrawi

Ass. Prof. of Architecture
Al Azhar University



EIA

Introduction



Encyclopedia of Islamic Architecture

Preface

Encyclopedia of Islamic Architecture –**EIA** – is a new approach for Islamic architectural documentation in the digital era. The concept for **EIA** rose from the extreme importance of having a deeper comprehensive understanding to Islamic architecture with a coherent analytic methodology in dealing with this historical heritage, which is one of the most important elements in human history and civilization.

Vision

Expand the traditional information analysis functions such as search and retrieval, filtering, document summarization, and data presentation methods to address the need of the users through customization of knowledge visualization management systems. Through this customization we can provide for Islamic architecture a foundation for future research information design activities, generating cognitive design concepts and prototyping and evaluating shared infoaesthetics concepts.

Product/ Publishing (Digital Publishing)

EIA will be an online encyclopedia that is constantly revised, making the cumbersome and expensive purchase of annual additions and new editions obsolete.

EIA will be a **web-based** encyclopedia that takes advantage of more recent technologies, such as *HTML5*, for facilitating better authoring, indexing and hyper linking.

The hyperlinks pointing from one **EIA** article to another will be treated as directed links while the articles represent the nodes of the network.



WWW.Darandalus.org

E mail: Alrawi@Darandalus.org

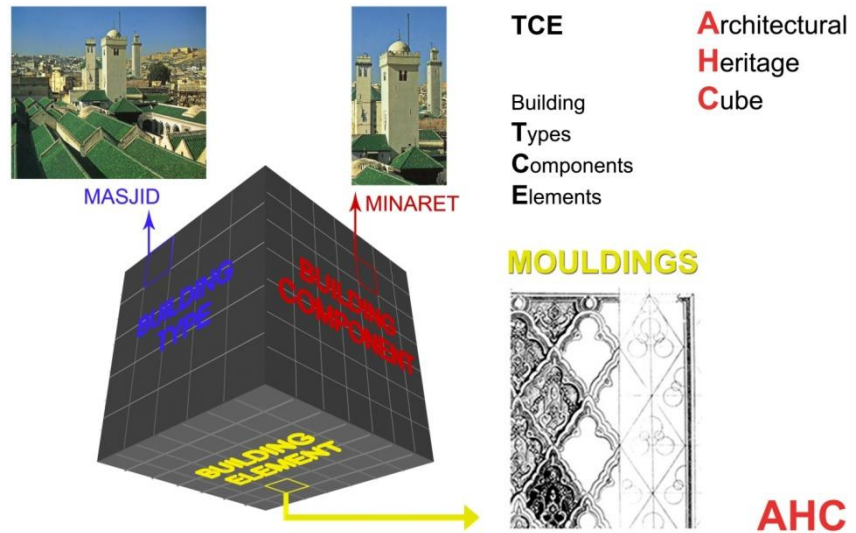
Address: 37 Mohamed El-nady Street, Nasr City, 11471, Cairo, Egypt



Encyclopedia of Islamic Architecture

Facilities

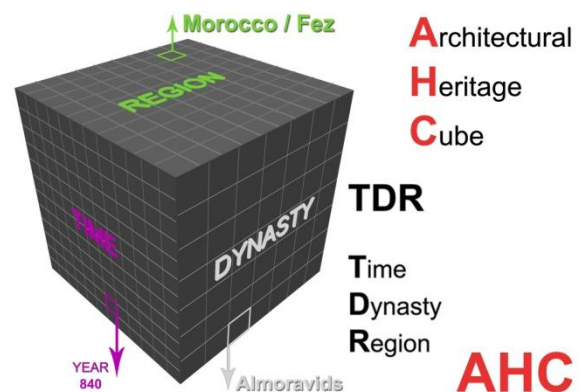
EIA is fully integrated and designed in associative manner as it is facilitating true collaborative research operations across the multi-disciplinary extended enterprise including style and form design, historical background and the definition of detailed characteristics of Islamic Architecture beginning with its building types through its architectural elements and ending with its basic formative elements.



EIA Provides 2D navigation supporting interactive scene definition and storage and can be performed by following hyperlinks to related documents, and can also create multiple hyperlinks to related documents. Users can manage 2D functions in the comparison windows and can synchronize 3D mode visualization.

EIA Provides the capability of displaying the tree view for the selected objects. The tree can be scrolled up and down, and when a part is picked, its name is displayed in the preview window.

EIA is a unique solution for its capability of addressing the complete development of Islamic Architecture through its different **Regions** and **Dynasties**. This range of capability allows this encyclopedia to be an application platform in a wide variety of institutions dealing with Architectural design, Architectural education and Fine Arts.



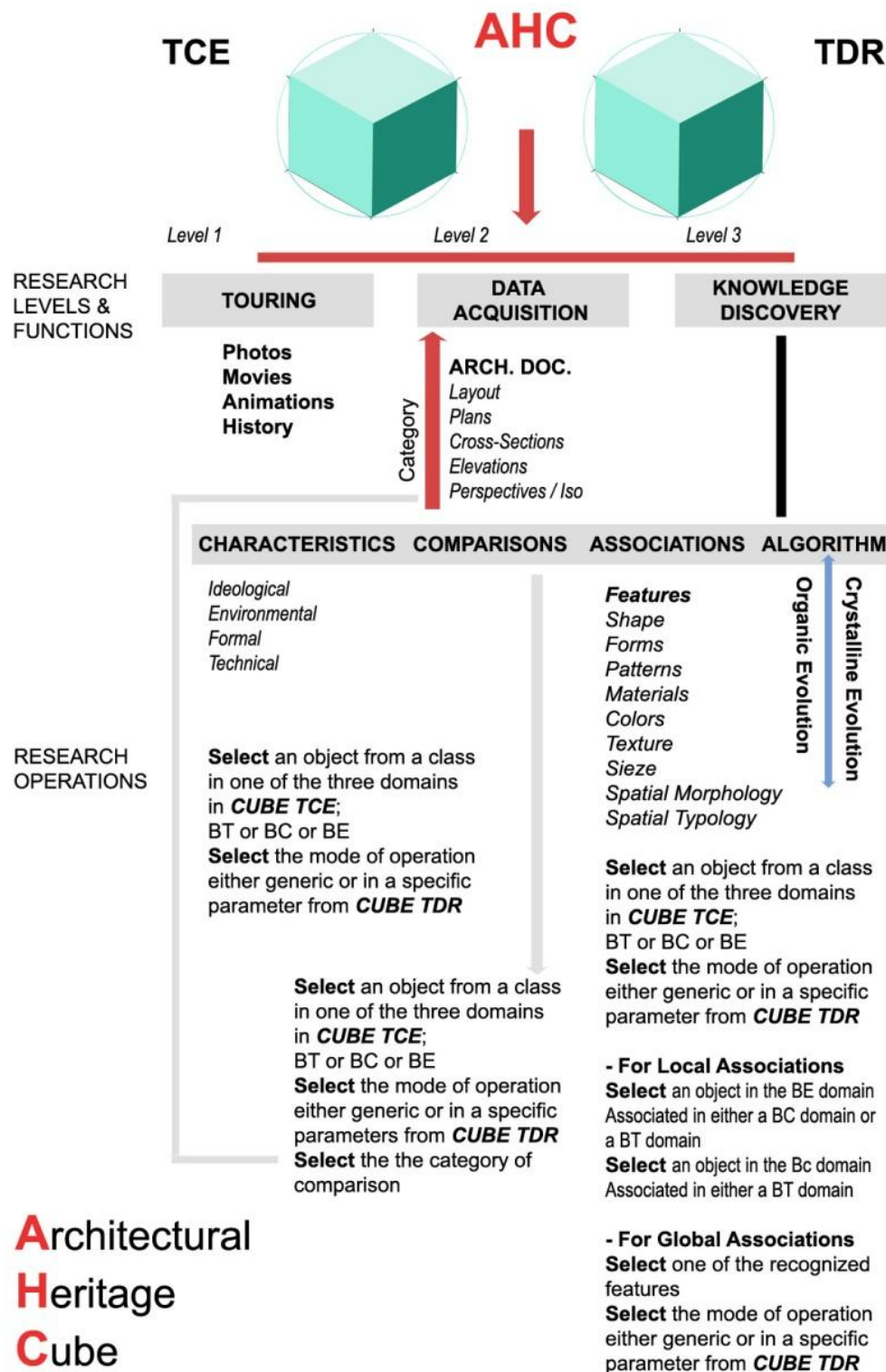
WWW.Darandalus.org

E mail: Alrawi@Darandalus.org

Address: 37 Mohamed El-nady Street, Nasr City, 11471, Cairo, Egypt



Encyclopedia of Islamic Architecture





Encyclopedia of Islamic Architecture

Research

EIA Enables: - Easy and fast spatial analysis for any of the building types in Islamic Architecture. Comparative-Analytic studies for different architectural elements and the basic formative elements of Islamic Architecture in its variable styles.

Education (Web based Learning)

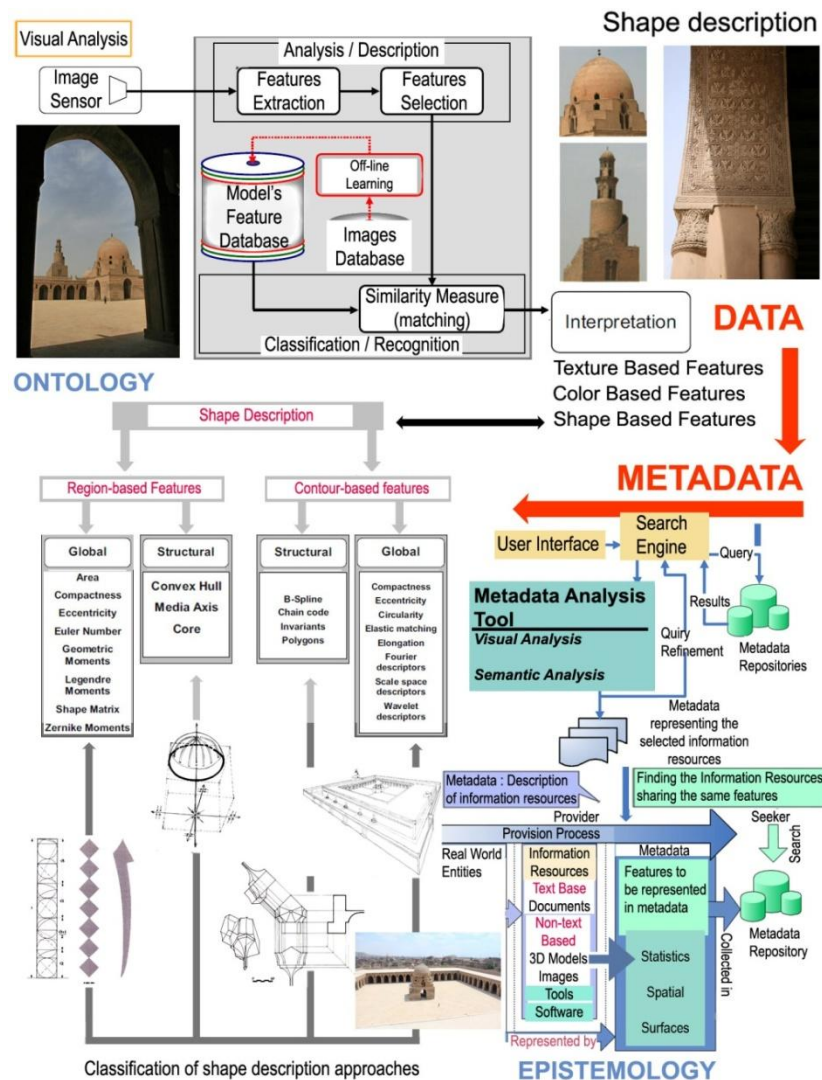
EIA Provides e-learning anytime from anywhere with everyday companion.

Architectural Design

EIA Provides characterized-driven modeled classification for elements of design in Islamic Architecture.

Shape Design and Styling

EIA enables creation and modification of complex patterns of ornaments in Islamic Architecture.



WWW.Darandalus.org

E mail: Alrawi@Darandalus.org

Address: 37 Mohamed El-nady Street, Nasr City, 11471, Cairo, Egypt



EIA

WWW.Daralandalus.org
 Email: Alrawi@Daralandalus.org

Address
 Dar Alanandalus, 37 Mohammad Alnady Atreet,
 Nasr City, 11471, Cairo, Egypt

Copyright 2014 Alrawi. All rights reserved