



January 24, 2010

**Dear Dr. Hessam Ghamari, Mohesn Vafamehr**

Thank you for your interest in the **First International Conference for Urban & Architecture Heritage in Islamic Countries: Its role in Cultural & Economic Development**, organized by the Saudi Commission for Tourism and Antiquities, in cooperation with Research Centre for Islamic History, Art and Culture (IRCICA), The Ministry of Municipality & Rural Affairs, The Ministry of Education, The Ministry of Finance, The Ministry of Higher Education, King Saud University (KSU), & Al Turath Foundation, during the period April 18-23, 2010, in Riyadh, Kingdom of Saudi Arabia. And for submitting an abstract to participate in it.

I am glad to notify you that your abstract titled:

**“Review of Tekye-Amir-Chakhmagh from  
perspective of Traditional Structures  
Technology”**

Manuscript No: E474

has been provisionally selected and final approval will be based on a careful scientific review of the completed paper.

We will be grateful if you could send your paper at most by 27 January 2010, and to clarify the conceptual framework adopted in the paper.

Attached are guidelines for preparation of papers to facilitate further processing and publication.

With best regards

Sincerely,

**Professor. Abdulaziz S. H. Al-Mogren  
Chairman of the Scientific Committee**



E472 <b>Sittichai Chantakrau</b> “Mosque” in the Land of Buddhism.....	98
E474 <b>Hessam Ghamari, Mohesn Vafamehr, Arsalan Gharaveis</b> Review of Tekye-Amir-Chakhmagh from Perspective of Traditional Structures Technology .....	99
E477 <b>Mehdi Haghghatbin, M. Reza Pourjafar, Aliakbar Taghvace, Mojtaba Ansari</b> Major Similarities of Planning and Design Criteria at Isfahan and Shahjahanabad with Emphases on the Processional Path.....	100
E486 <b>Shahid Kabir, M.B. Hasanat, W.M.A. Wan Hussin, A.M. Sanusi</b> Historical Significance of Strategic Location of Umayyad Desert Palaces .....	101
E492 <b>Mahnaz Ashrafi</b> Conservation Approaches in Troglodytic Village, Maymand, Iran.....	102
E508 <b>Gh.Hossein Memarian<sup>1</sup>, Hadi Safaipour<sup>2</sup></b> Architecture of Iranian Underground Cistern Study and Preservation: The Case Study of Naiin .....	103
E525 <b>Djamel Boussaa</b> Urban Heritage and Tourism in the Gulf: The Case of Dubai in the UAE.....	104
E556 <b>Mehri Mohebbi, Zahra Mohebbi</b> The Contribution of Female Population in Public Spaces.....	105
E558 <b>Samira. Debache-Benzagouta, S. Foura, Aissa Mahimoud</b> Islamic Architectural Heritage: Sonic quality in the living environment; Learning from the past .....	106
E568 <b>Nouf bint Mohammed bin Fahd Al Saud</b> Social Awareness and Urban Conservation Policies in Saudi Arabia .....	107
E571 <b>Falah Al-Kubaisy</b> Environmental Sustainability of Heritage Cities Traditional Areas in Manama & Muharraaq- Bahrain .....	108
E575 <b>Jamal Shafiq Ilayan, Andrea Schiattarella, Corrado Terzi</b> Lighting Design for Heritage Conservation Projects Case Study: Ibrahim Castle, Derayyah.....	109



E474

## **Review of Tekye-Amir-Chakhmagh from Perspective of Traditional Structures Technology**

**Hessam Ghamari<sup>1</sup>, Mohehn Vafamehr<sup>2</sup>, Arsalan Gharaveis<sup>3</sup>**

**1** M.Sc. candidate of architecture, **2** Assistant Professor, **3** M.Sc. candidate of architecture

**1** Iran University of Science and Technology (IUST), **2** Faculty of architecture and urbanism, Iran University of Science and Technology (IUST), **3** Iran University of Science and Technology (IUST)

**1** hessam\_ghamari@arch.iust.ac.ir, **2** dr.vafamehr@gmail.com, **3** arsalangharaveis@yahoo.com

---

### **Abstract**

Iranian traditional architecture can be identified in many of its old famous buildings in the country. The principles and specifications in these buildings show the intelligence of implemented techniques that makes them to remain stable. Thus, it is important to explore the traditional structures and architectural technologies in order to understand the reasons for this stability toward the new methods in modern architecture. Many of historical buildings in Iran have remained standing after many years and they show the deep wisdom of their architects. In this article, we refer to Tekye-Amir-Chakhmagh in Yazd as our case study, which is one of the most important and noticeable examples of Iranian traditional architecture. In introducing Amir-Chakhmagh Complex, we analyzed the specifications and fundamental elements that played the important role in stability and sustainability of Tekye-Amir-Chakhmagh and thereafter we assessed the technologies that were used intelligently and intricately in this historical building. The profound understanding of traditional technologies provided architects with more suitable instances which can't be replaced with incompatible imitation of blindly-imported technologies introduced into current Iranian structures. In fact, the old technology will be a new suitable way to reach the compatible vernacular structures. In this research, information is collected with field study and library resources. Finally, structure specifications are studied with drawings and structural analysis and as conclusion the suggestions will be presented.

---