

## Designing and Making Sustainable Architectural Clothing Inspired by Reconstruction of Bam's Bazaar

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**Abstract :** The main aim of this project was designing and making sustainable architectural wearable dress inspired by reconstruction project of Bam's Bazaar in Iran. To achieve the goals of this project, Bam Bazaar became the architectural reference. A mixed research method (including applied, qualitative and case studies methods) was used. After research, data gathering and considering related intellectual, mental and cultural background, the garment was modeled by using 3ds Max's modeling tools and Marvelous. After making the pattern, the wearable architecture was built and an architectural and historical building converted to a clothing. The implementation of sustainable architectural clothing, took seventeen months. The result of this project was a cloth in a new form that had been worn on its architect body. The comparison between present project and previous research were focusing on the same subjects (architectural clothing) shows some dramatic differentiations, including, the architect, designer and executive of this project was the same person who was the main researcher. Also, in this research, special attention was paid to the sustainability, volume and forms. Most projects in this subject (especially pervious related Iranian research) relied on painting and not on the volumes and forms. The sustainable immovable architecture had worn on its architect, became a cloth on a human's body that was moving.

**Keywords :** wearable architecture, clothing, bam bazaar, space, sustainability

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