

## عنوان مقاله:

Biomimetic Design Framework for Sustainable Architectural Design

## محل انتشار:

اولین همایش بین المللی و پنجمین همایش معماری و شهرسازی پایدار (سال: 1398)

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## خلاصه مقاله:

Biomimetic architecture is a contemporary philosophy of architecture that seeks solutions for sustainability in nature, not by replicating the natural forms, but by understanding the rules governing the forms. It is a multi-disciplinary approach to sustainable design that follows a set of principles rather than stylistic codes. The research method of this paper is descriptive-analytics and is based on a literature survey conducted to study different approaches and levels of biomimicry and discussing their application and ways of translating adaptations in biology into solutions in architecture. It is shown that employing different principles of biomimicry may result in diverse outcomes in terms of buildings sustainability.

## کلمات کلیدی:

Biomimetic, Nature Inspirations, Sustainability, Architecture

## لینک ثابت مقاله در پایگاه سیویلیکا:

<https://civilica.com/doc/1001476>

