

**عنوان مقاله:**

DRAGONFLY-INSPIRED SHELTER DESIGN

**محل انتشار:**

کنفرانس بین المللی عمران، معماری و مدیریت توسعه شهری در ایران (سال: 1397)

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**خلاصه مقاله:**

This concept of design consists of these Special feature :The aim of this article is to design a shelter for the times after naturel disasters or emergency events. The architects around the world think about the design and implementation of temporary shelters for asylum-seekers and using light structures As a main feature, the shelter is movable and able to be ejected by relief helicopters or airplanes.to provide this feature, the main inspiration comes from the dragonfly wings.The structural system is based on the dragonfly wing pattern which is kind of optimum natural construction and developed through evolution.The material can be injected into structure, then becoming harden

**کلمات کلیدی:**

dragonfly, wing pattern, shelter design, Kevlar

**لینک ثابت مقاله در پایگاه سیویلیکا:**

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