

## عنوان مقاله:

Investigating The Effects Of Pozzolans In Improving Mechanical Properties Of Concrete

## محل انتشار:

دومین کنفرانس بین المللی مقاوم سازی لرزه ای (سال: 1388)

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## خلاصه مقاله:

By ever-increasing of concrete structures, identifying pozzolans that improves mechanical properties of concrete is in high importance. Thus, performing wide investigational projects on different concrete constituents in recent years caused appearance of concretes which not only provides resistance, but other properties such as durability, impermeability, efficiency, and durability against factors like fire, has make basic changes on it role and application. In this paper, after brief explanation of concrete, we have description on history of pozzolanic materials, usage of overplus materials, such as microsilica, animal manure, etc, cause environmental pollutions. Also, chemical and physical characteristics of nanosilica and microsilica, and definition on slag types and fly ash has been mentioned

## کلمات کلیدی:

pozzolans, concrete, microsilica, animal manure ash

## لینک ثابت مقاله در پایگاه سیویلیکا:

<https://civilica.com/doc/844697>

