

## عنوان مقاله:

Building Information Modeling (BIM) in construction management: a safety approach

## محل انتشار:

سومین کنفرانس بین المللی پژوهشهای کاربردی در مهندسی عمران، معماری و مدیریت شهری (سال: 1394)

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## خلاصه مقاله:

Building Information Modeling —BIM|| is becoming a better known established collaboration process in the construction industry. Owners are increasingly requiring BIM services from construction managers, architects and engineering firms. Many construction firms are now investing in —BIM|| technologies during bidding, preconstruction, construction and post construction. The goal of this project is to understand the uses and benefits of BIM for scheduling and safety in construction industry. There are two objectives to this project. First is to focus on analyzing 3D and 4D BIM as well as BIM based scheduling. Second is to identify Automatic Safety Checking of Construction Modelsbase BIM. As a result, the developed automated safety checking platform informs construction engineers and managers by reporting, why, where, when, and what safety measures are needed for preventing fall-related accidents .before construction starts. The safety area reviewed is fall protection

## کلمات کلیدی:

Building Information Model (BIM), safety, construction, 3D and 4D modeling

## لینک ثابت مقاله در پایگاه سیویلیکا:

<https://civilica.com/doc/493259>

