

## عنوان مقاله:

Sustainable groundwater development

## محل انتشار:

چهارمین کنگره بین المللی عمران ، معماری و توسعه شهری (سال: 1395)

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## خلاصه مقاله:

Sustainable development meets the needs of present without compromising the ability of future generations to meet their own needs. It contains within it two key concepts: needs of world's poor and limitations on environment's ability to meet present and future needs. With over half the world's population now living in towns and cities, serious questions are being asked about the sustainability of urban water supplies. Sustainable groundwater development implies use of groundwater as a source of water supply, on a long-term basis, in an efficient and equitable manner sustaining its quality and environmental diversity. In the context of Sustainable Development Goals (SDGs), groundwater is almost linked to all of them. The sustainability of groundwater resources is a function of many factors and there are various challenges towards it. Innovative approaches that have been undertaken to enhance the sustainability of groundwater resources typically involve some combination of use of aquifers as storage reservoirs, conjunctive use of surface water and groundwater, artificial recharge of water through wells or surface spreading, and the use of recycled or reclaimed water. There have been some global actions such as integrated water resource management (IWRM) and the Paris-2007 Statement, in order to draw attentions to this critical subject.

## کلمات کلیدی:

Sustainable development, Groundwater, SDGs

## لینک ثابت مقاله در پایگاه سیویلیکا:

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