

Water harvesting in Sudan

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Water harvesting is the process of intercepting storm water runoff from land surface and putting it to beneficial use.

Intercepted storm water can be:

1. Collected and stored and to be utilized as drinking water. [reservoirs or Hafirs]
2. Retained and directed (routed) through irrigation openings to irrigate targeted agricultural land. [water spreading]
3. Retained and recharging sub-surface water, and to be utilized as drinking water.
4. Others.

Different water harvesting techniques used in Sudan or can be used in Sudan will be shown. And the hydrological studies upon which these techniques are based, will be discussed.