Table S2. Adapted Saaty scale [39].

Ranking	Definition
1	Both features are equally important.
2	Between 1 and 3.
3	One of the features is a little more important.
4	Between 3 and 5.
5	One of the features is moderately more important.
6	Between 5 and 7.
7	One of the features is strongly more important.
8	Between 7 and 9.
9	One of the features is absolutely most important.

Table S3. Pairwise comparisons between sub-criterions and weights of the AHP Method.

	Distance and travel time to access	Sufficient access (quantity) to meet basic needs	Duration and intermittency of access	Access without microbiological contamination (E. coli)	Potable water guarantee
Distance and travel time to access	1	1/5	5	1/5	1/5
Sufficient access (quantity) to meet basic needs	5	1	7	1	3
Duration and intermittency of access	1/5	1/7	1	1/7	1/7
Access without microbiological contamination (E. coli)	5	1	7	1	3
Potable water guarantee	5	1/3	7	1/3	1

Table S4. Pairwise comparisons between water sources for each sub-criterion of the AHP Method.

Distance and travel time to access.	Piped water	Well or spring on household	Rainwater Cisterns	Others
Piped water	1	3	1	9
Well or spring on household	1/3	1	1/3	7
Rainwater Cisterns	1	3	1	9
Others	1/9	1/7	1/9	1
Sufficient access (quantity) to meet basic needs	Piped water	Well or spring on household	Rainwater Cisterns	Others
Piped water	1	1/3	6	8
Well or spring on household	3	1	7	9

Rainwater Cisterns	1/6	1/7	1	3
Others	1/8	1/9	1/3	1

Duration and intermittency of access	Piped water	Well or spring on household	Rainwater Cisterns	Others
Piped water	1	1/3	8	6
Well or spring on household	3	1	9	7
Rainwater Cisterns	1/8	1/9	1	1/3
Others	1/6	1/7	3	1

Access without microbiological contamination (E. coli)	Piped water	Well or spring on household	Rainwater Cisterns	Others
Piped water	1	5	1/3	8
Well or spring on household	1/5	1	1/7	4
Rainwater Cisterns	3	7	1	9
Others	1/8	1/4	1/9	1

Potable water guarantee	Piped water	Well or spring on household	Rainwater Cisterns	Others
Piped water	1	5	8	9
Well or spring on household	1/5	1	5	7
Rainwater Cisterns	1/8	1/5	1	2
Others	1/9	1/7	1/2	1