

## Supplementary Materials

Article

# Spanish Agriculture and Water: Educational implications of water culture and consumption from the farmers' perspective

Juan-Carlos Tójar-Hurtado \*, Esther Mena-Rodríguez and Miguel-Ángel Fernández-Jiménez

Department of Research Methods and Evaluation in Education, University of Malaga, ES-29071, Malaga, Spain; emena@uma.es (E.M.-R.); mafjimenez@uma.es (M.-A.F.-J.)

\* Correspondence: jctojar@uma.es (J.-C.T.-H.); Tel.: +34-952-132-543

**Table S1.** Results expressed in terms of a percent of the respondents of the questionnaire.

Element	5	4	3	2	1	Me	SD	$\chi^2$
1. When it comes to consumption, the agricultural sector should have more say in political decisions on water management	48.20	27.30	20.40	2.60	1.50	4.18	0.94	769.25
2. Water management would be better if the situation of farmers were considered	41.40	29.30	23.50	4.00	1.80	4.04	0.98	589.13
3. In agriculture, water is not wasted	12.50	12.20	26.60	18.60	30.10	2.59	1.36	136.28
4. Efficiency in water consumption has advanced more in agriculture than in other sectors	16.50	24.00	43.90	10.80	4.80	3.36	1.03	471.30
5. Water is not a problem for the general population, instead, it is a problem for farmers	7.00	10.70	17.80	12.20	52.30	2.07	1.32	702.69
6. It is a pity that all this water is lost at the river mouth	46.50	16.50	20.60	7.80	8.60	3.84	1.32	511.73
7. The water problem would be solved by transferring water from the surplus basins to the deficit ones	26.80	23.30	35.20	8.40	6.30	3.56	1.15	314.37
8. If the infrastructure were improved, there would be a larger irrigated area	48.10	28.10	18.10	4.00	1.70	4.17	0.97	746.60
9. Watering more rainfed crops will increase efficiency	14.10	18.30	34.60	12.40	20.60	2.93	1.30	159.12
10. Using fertilisers above the recommended rates of application improves production	6.10	9.00	14.70	12.20	58.00	1.93	1.27	951.28
11. The choice of crops must be made taking into account the profitability	29.90	21.10	32.60	7.70	8.60	3.56	1.23	277.70
12. The water canon is already too	26.40	21.70	36.80	9.70	5.40	3.54	1.14	332.35

high

13. I would not mind paying more for canon if I had more water	9.50	14.00	34.70	17.60	24.20	2.67	1.25	198.66
14. It is necessary to give more water to the crops that help to fix more people to the territory	22.90	24.70	36.60	8.30	7.50	3.47	1.15	308.59
15. A social criterion should be utilised for the distribution of water (crops that generate more employment)	33.90	27.50	27.10	7.10	4.40	3.79	1.12	365.46
16. More water should be provided for irrigation to the larger cropland	18.40	23.80	31.10	13.60	13.10	3.21	1.26	117.82
17. Development and growth cannot slow down due to a lack of water	30.70	21.40	27.80	10.00	10.00	3.53	1.29	194.30
18. Fertilisers are responsible for soil and water pollution	33.50	18.20	29.10	11.10	8.10	3.58	1.27	251.89
19. Improvements to infrastructure would allow for more irrigation	46.20	26.40	18.70	5.50	3.20	4.07	1.08	629.11
20. Investing in more efficient irrigation techniques would make it possible to endure times of drought	57.00	22.60	15.70	3.80	0.90	4.31	0.93	1041.07
21. Low quality or recaptured water, could be used for agriculture	44.40	26.10	18.70	6.40	4.40	3.99	1.31	547.23
22. The connection between basins is a solution against drought								
23. The main use of water from rivers must be agriculture	25.90	23.50	38.00	8.80	3.90	3.59	1.08	389.19
24. In relation to water, the administration often makes unjustified decisions	18.20	23.90	35.80	12.60	9.50	3.29	1.18	223.05
25. The administration effectively communicates its decisions on irrigation prohibitions	27.80	23.40	36.80	9.30	2.70	3.64	1.06	395.74
26. Other sectors, such as industry and tourism, manage water more poorly than agriculture	31.20	24.20	27.30	10.30	7.00	3.62	1.21	236.62
27. Domestic water consumption conceals unjustified water costs	35.30	26.50	25.50	7.70	4.90	3.80	1.15	353.23
28. There are many non-farmers who use a lot of water to cultivate their plots of land	42.40	23.70	22.50	7.20	4.20	3.93	1.15	481.62
29. Management should pay more attention to the opinion of farmers	39.80	30.20	22.50	4.90	2.60	3.99	1.03	532.05
30. Technological modernisation saves more water than advertising campaigns	42.80	25.90	24.10	4.90	2.30	4.02	1.03	597.64

---