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### Abstract

National hybrid-study of the general public in summer 2016 asked participants to read manipulated news articles covering water scarcity and pollution. The experimental procedure varied sources of information in the articles as well as the types of supporting data cited. Despite manipulations of source and information factors, only the political ideology of the participants as well as their own scarcity/pollution experience influenced their perceptions/attitudes/opinions toward the story content and water issues in general.

## **Study Foundation**

Credibility of information in non-environmental contexts has shown to be influenced by perceived bias of the spokesperson presenting the information and the organization for whom he/she works. Ultimately the research suggests that paid spokespersons and those working for nongovernmental entities are less credible and therefore less persuasive and convincing (Callison, 2001, 2002, 2004).

The American public largely views environmental issues differently based on political ideology and affiliation. Overall, self-identified Liberals express more pro-active attitudes toward environmental issues than self-identified Conservatives (Dunlap, Xiao & McCright, 2001).

When examining political ideology, Conservatives are more likely to question and lose trust in climate scientists than Liberals. In terms of political affiliation, Democrats are the least likely group (compared to Republicans, Independents, other party affiliations, and those who have no party affiliation) to lose trust in climate scientists (Leiserowitz et al., 2013).



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Construct Scared

Worried Threatening **Topic Skepticism** 

Scared

Worried

Threatening

**Topic Skepticism** 

**Important Issue** 

**Change Actions** 

Note: All horizontal means within scenario not sharing a superscript letter vary significantly by SNK post hoc tests.

# Message Source and Argument Impact on Water Opinions and Behaviors



but less than .10

- - same