

Using fuzzy cognitive maps to promote nature-based solutions for water quality improvement in developing-country communities

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[Using fuzzy cognitive maps to promote nature-based solutions for water quality improvement in developing-country communities - ScienceDirect](https://www.sciencedirect.com/science/article/abs/pii/S0959652622038185)

The screenshot shows a web browser displaying the ScienceDirect article page. The browser's address bar shows the URL: <https://www.sciencedirect.com/science/article/abs/pii/S0959652622038185>. The page header includes the ScienceDirect logo and navigation options like 'View PDF' and 'Access through another institution'. The article title is 'Using fuzzy cognitive maps to promote nature-based solutions for water quality improvement in developing-country communities', published in the 'Journal of Cleaner Production' (Volume 371, December 2022, 132936). The authors listed are Kalina Fonseca, Edgar Espitia, Lutz Breuer, and Alicia Correa. The abstract begins with: 'An adequate strategy for water quality improvement must consider a range of political, economic, social, technological, environmental, and legal (PSETEL) concepts. Nature-based solutions have emerged as promising tools to improve water quality while considering these factors. In this context, fuzzy cognitive maps and the PSETEL approach have been merged to: i) identify the principal concepts that affect water quality from different perspectives, and ii) theoretically explore the use of...'. The right sidebar features the author profile for Edgar Espitia, including his ORCID record, affiliation with the Center for International Development and Environmental Research at Justus Liebig University Gießen, and a list of his other documents.