

WATER MANAGEMENT IN THE AMAZON: A FUZZY APPROACH OF PUBLIC BUREAUCRACY ROLE

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ABSTRACT

In Brazil water management has not included in the federal environment regulatory framework. This paper addresses the discussion to a specific lake in Amazon. Twenty years after the Tucuruí dam has been built, the lake created, became an important fish resource to people who live along the shores of the lake. In this artificial lake an intense conflict about what way of access and use of the water is in course. The bureaucracies in the several federative levels play a key role in these conflicts. The paper presents the results of two field researches occurred in 2006 and 2009 years. The results are presented with the use of fuzzy logic to modeling the institutional capacity of the districts bureaucracies associating them with the ways of natural resources access and use of people who live along the shores of the lake.

PALAVRA-CHAVE: water, management, fuzzy logic