



**DETERMINANTS OF RESOURCES SPENT AND WILLINGNESS TO PAY ON  
PREVENTION AND CONTROL OF SOIL EROSION IN CENTRAL CHILE**

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**ABSTRACT**

This study examines the determinants of current resources spent and willingness to pay for the prevention and control of soil erosion in Secano Costero of Central Chile. The research is based on the analysis of data collected from 140 randomly selected farmers. Current resources spent on soil conservation are calculated by examining expenditures on eight soil conservation measures valued in monetary terms. Contingent valuation method in combination with protection motivation theory are applied for the purpose of eliciting farmers' willingness to pay for soil conservation measures. The results reveal that farmers are willing to pay for soil conservation measures according to the scenario proposed. Results from stepwise regression show that resources spent on soil conservation are strongly influenced by: farmers' perception about response efficacy of soil conservation measures; lack of draft animal perceived as barrier to carry out soil conservation measures; and farm size as a positive influence of current spent on soil conservation.