

Center for Community-Based Resource Management (CBRM)

Natural Resources Institute, University of Manitoba

CBRM Database

Date:	December 16, 2011	Entry Number:	1199
Case Study Name:	Public participation and willingness to cooperate in common-pool resource management: A field experiment with fishing communities in Brazil		
Author:	Cavalcanti, C., Schlapfer, F., & Schmid, B.		
Document Type:	Paper in scientific journal		
Year:	2010		
Language:	English		
Document Location:	Ecological Economics		
Full Citation:	Cavalcanti, C., Schlapfer, F., & Schmid, B. 2010. Public participation and willingness to cooperate in common-pool resource management: A field experiment with fishing communities in Brazil. <i>Ecological Economics</i> , 69(3), 613-622.		
Region:	Latin America and the Caribbean		
Country:	Brazil		
Ecosystem Type:	Aquatic		
Social Characteristics:	Community inside protected area		
Scale of Study:	Community		
Resource Type:	Freshwater fishery		
Type of Initiative:	Research driven project		
Community Based Work:	Resource management		

Keywords:	Deliberation; Participation; Willingness to contribute; Beliefs; Fishing resources; Field experiment
Summary:	<p>The primary evidence about the factors determining successful self-governance of common-pool resources (CPR) has come from case studies. More recently, this observational evidence has been complemented by insights from economic experiments. Here we advance a third approach in which the role of local deliberation about the management of a fishery resource is investigated in a field experiment. Using three control and three treatment communities in a freshwater fishery, we tested whether participation in developing specific measures for community-based sustainable CPR management increased the willingness to contribute to the implementation of these measures. Each community was also exposed to information about their community leaders' advice about the proposed measures. Both participation and leader advice affected the willingness of participants to contribute in one of three proposed measures. However, the strongest influence on individual willingness to contribute was exerted by the individual beliefs about the cooperation of others in CPR management.</p>