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## Motivations, Communication Dimensions, and Perceived Outcomes in the Multi-Sectoral Collaboration of the Visitor Management Program of Mount Makiling Forest Reserve in Los Banos, Laguna, Philippines

Authors: Charmaine B. Distor

Abstract: Collaboration has long been recognized in different fields, but there's been little research on operationalizing it especially on a multi-sectoral setting as per the author's best knowledge. Also, communication is one of the factors that is usually overlooked when studying it. Specifically, this study aimed to describe the organizational profile and tasks of collaborators in the visitor management program of Make It Makiling (MIM). It also identified the factors that motivated collaborators to collaborate in MIM while determining the communication dimensions in the collaborative process. It also determined the communication channels used by collaborators in MIM while identifying the outcomes of collaboration in MIM. This study also found out if a relationship exists between collaborators' motivations for collaboration and their perceived outcomes of collaboration, and collaborators' communication dimensions and their perceived outcomes of collaboration. Lastly, it also provided recommendations to improve the communication in MIM. Data were gathered using a self-administered survey that was patterned after Mattessich and Monsey's (1992) collaboration experience questionnaire. Interviews and secondary sources mainly provided by the Makiling Center for Mountain Ecosystems (MCME) were also used. From the seven MIM collaborating organizations that were selected through purposive sampling, 86 respondents were chosen. Then, data were analyzed through frequency counts, percentages, measures of central tendencies, and Pearson's and Spearman rho correlations. Collaborators' length of collaboration ranged from seven to twenty years. Furthermore, six out of seven of the collaborators were involved in the task of 'emergency, rescue, and communication'. For the other aspect of the antecedents, the history of previous collaboration efforts ranked as the highest rated motivation for collaboration. In line with this, the top communication dimension is the governance while perceived effectiveness garnered the highest overall average among the perceived outcomes of collaboration. Results also showed that the collaborators highly rely on formal communication channels. Meetings and memos were the most commonly used communication channels throughout all tasks under the four phases of MIM. Additionally, although collaborators have a high view towards their co-collaborators, they still rely on MCME to act as their manager in coordinating with one another indirectly. Based on the correlation analysis, antecedent (motivations)-outcome relationship generally had positive relationships. However, for the process (communication dimensions)-outcome relationship, both positive and negative relationships were observed. In conclusion, this study exhibited the same trend with existing literature which also used the same framework. For the antecedent-outcome relationship, it can be deduced that MCME, as the main organizer of MIM, can focus on these variables to achieve their desired outcomes because of the positive relationships. For the process-outcome relationship, MCME should also take note that there were negative relationships where an increase in the said communication dimension may result in a decrease in the desired outcome. Recommendations for further study include a methodology that contains: complete enumeration or any parametric sampling, a researcher-administered survey, and direct observations. These might require additional funding, but all may yield to richer data.

Keywords: antecedent-outcome relationship, carrying capacity, organizational communication, process-outcome relationship

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