

Krittiya Petsee 2008: Incentive Analysis for Youth Camp Facilitators of Natural Resources and Environmental Conservation. Master of Science (Forest Resource Administration), Major Field: Forest Resource Administration, Interdisciplinary Graduate Program. Thesis Advisor: Assistant Professor Yongyut Trisurat, D.Tech.Sc. 85 pages.

The study on incentive analysis for youth camp facilitators of natural resources and environmental conservation aimed to analyze personal data and incentive factors persuading the trainees' decision to be a facilitator under the Youth Camp Facilitators. The designed questionnaire was used to collect the 92 trainees participating in three training sessions in 2006. The Chi-square method was used to identify the relationship between personal data and trainees' decision; and t-test was employed to differentiate between incentive levels of trainees' decision to be youth camp facilitators. In addition, the logistic regression analysis was used to define the relationship between these factors and trainees' decision at the significance level of 0.05.

Results of the study indicated that 66.3 percent of the trainees are becoming the facilitators. Most of them are the government employees with bachelor degrees and 11-15 year work duration. Factor significantly related to the decision to be facilitators was facilitator's experiences. The facilitator's expectation was ranked as very high incentive influencing the trainees' decision. Meanwhile, the incentives of job security and public recognition were high and position promotion was moderate. The results of logistic regression analysis method showed that facilitator's experiences, supervisor's assignment, and cooperative teamwork were positively related to trainees' decision to be facilitators. On the other hand, the supervisor's admiration was negatively related. The accuracies of logistic model obtained from classification table and Receiver Operating Characteristic (ROC Curve) were 85.9 and 93.6 percent, respectively.

In the future, the organizers of training program should consider facilitator's experiences, the supervisor's assignment and the cooperative teamwork as important qualifications of the applicants in order to achieve the training objectives, Department's missions on strengthening cooperation in natural resources and environmental conservation.

---

Student's signature

---

Thesis Advisor's signature