Forest devastation and Malaria:
Applied Remote Sensing Analysis

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This presentation shows how to analyze the area and extent of forest devastation in wide area using several remote-sensing data (Corona, Avnir-2, etc), and introducing the different image classification methods (pixel based / object based) which is directly related to the quality of classification result of forest devastation. Study area of this presentation is in Southern area of Lao PDR. We conducted quadrate research in different type of forest, and analyze the correlation between the results of image classification and quadrate research. The correlation between forest distribution and malaria prevalence of villages in the mountainous area of Laos is also presented.