

## **What can happen in behavior of monkeys under land use changes and forest fragmentation?**

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As monkeys have, more or less, territorial home ranges, each troop of monkeys moves around fairly small area in an intact forest: eg. ca. 1 km<sup>2</sup> of Japanese monkeys (*Macaca fuscata yakui*) in an evergreen broad-leaved forest of Yakushima Island, Japan. However, once human beings disturb the forests by logging, or make slash-burn fields, monkeys are used to change their ranging and feeding behavior. Home range expands more than 10 times, food preference changes to damage crops. Those change in behavior of monkeys under such land use changes and forest fragmentation could affect on zoonoses propagation.