

Vth International Wildlife Management Congress 2015
(第5回国際野生生物管理学術会議)
講演発表要旨

Presentation Abstract

Title: **Wildlife Monitoring Network in Hokkaido.**

Session Title: Population Census Techniques-2

Session Number: 72

Session Time: Thursday, Jul 30, 2015, 10:45 AM -11:45 AM

Presentation Time: Thursday, Jul 30, 2015, 11:30 AM -11:45 AM

Presentation Number: 7204

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Abstract Body: For conservation and management of wildlife, we need information about their status. Monitoring effort is thus required. For most cases, however, monitoring effort is problem-based and species-specific; it is started only after a problem has become apparent. Because of the lack of efficient monitoring systems for wildlife in general, the recognition of a problem is often belated and when the effort begins, available data are not enough to deal with the problem effectively. To remedy the situation, I have developed techniques for monitoring wildlife in general with middle-to-large-sized species as a primary target. The techniques include camera-trapping tools, a survey method, and a data-processing system which includes data-mapping on Google Earth. Along with the technical developments, I also have built a wildlife monitoring network in Hokkaido in collaboration with various parties, including forest management and wildlife research organizations. The first monitoring started in 2006 and at present, monitoring surveys are conducted once or twice a year at 16 sites in Hokkaido. The framework of the network is as follows: our institute supports the monitoring surveys by providing necessary techniques and advice. In exchange, the data are shared. The data are managed and utilized locally by the organization that conducted the surveys. All the shared data are managed at our institute and utilized at larger scales. The results are open to the public at the following website: <http://cse.ffpri.affrc.go.jp/hiroh/wildlife-monitoring>. This monitoring system can constitute a useful information infrastructure for wildlife management.

Register Online: www.wildlife.org

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