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Wreathed Hornbill (Rhyticeros undulatus) on Mount Ungaran: Are their Habitat Threatened?

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Abstract : Wreathed Hornbill (Rhyticeros undulatus) is the one of hornbill species (Family: Bucerotidae) that found on Mount Ungaran. In the preservation or planning in situ conservation of Wreathed Hornbill require the habitat condition data. The objective of the research was to determine the land cover change on Mount Ungaran using satellite image data and GIS. Based on the land cover data on 1999-2009 the research showed that the primer forest on Mount Ungaran was decreased almost 50%, while the seconder forest, tea and coffee plantation, and the settlement were increased.

Keywords : GIS, Mount Ungaran, threatened habitat, Wreathed Hornbill (Rhyticeros undulatus)
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