

**Project Update: December 2014**

Capture-recapture models gave jaguar density values of 3.06-5.45 jaguars/100 km<sup>2</sup> depending on the analysis used. These results are within average, suggesting the area is still suitable for jaguars thanks to its remaining wetlands and forests fragments (higher capture rates in these habitats). We highlight the importance of land-use planning, stricter enforcement of existing environmental law the promotion of incentives to achieve good agricultural practices. Results showed that several other mammal and bird species would also benefit. I am continuing to engage with local stakeholders to further the project in terms of conservation activities as some key natural areas in the study region, including wetlands, are being converted to agriculture, possibly leading to local extinctions.



