

## The Project

The Southwest Regional Gap Analysis Project (SWReGAP) is an update of the Gap Analysis Program's mapping and assessment of biodiversity for the five-state region encompassing Arizona, Colorado, Nevada, New Mexico, and Utah. It is a multi-institutional cooperative effort coordinated by the U.S. Geological Survey Gap Analysis Program. The primary objective of the update is to use a coordinated mapping approach to create detailed, seamless GIS maps of land cover, all native terrestrial vertebrate species, land stewardship, and management status, and to analyze this information to identify those biotic elements that are underrepresented on lands managed for their long term conservation or are "gaps."

These updates are intended to provide our cooperators with progress made on the New Mexico Portion of the project and progress on the overall project. For more detailed information visit our website or contact us directly.

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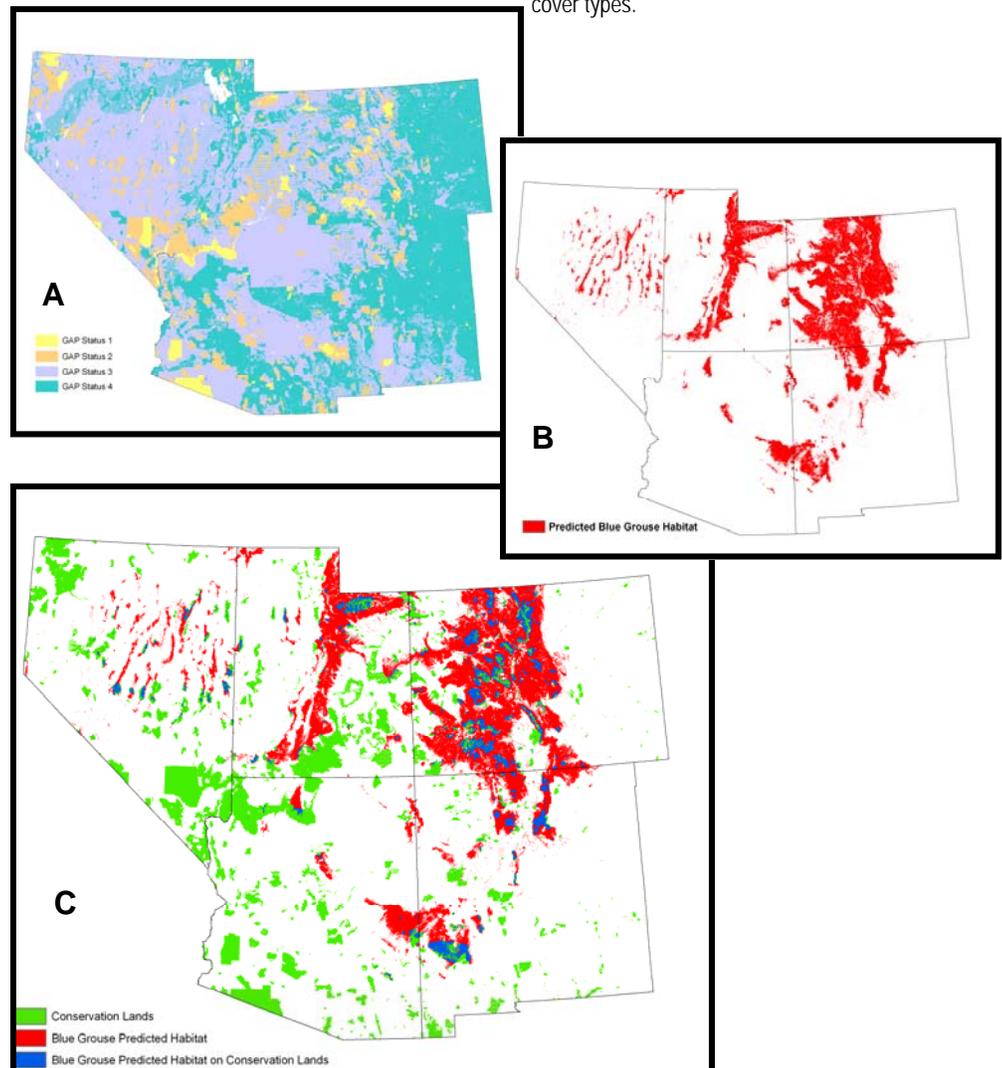
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## SWReGAP COMPLETED

The Southwest Regional Gap Analysis Project is complete. Final data preparation and reporting is underway which will include a peer-review process. We provide a graphical representation of the gap analysis process below (Figure1). The Gap Status dataset (A) is intersected with the predicted habitat models (B) to provide the amount of area for each of the status categories (C) and the amount of area considered protected (status 1 and 2 lands). This analysis is provided for all 819 terrestrial vertebrate species modeled and the 125 mapped land cover types.



**Figure 1. Regional Gap Status (A) for the entire SWReGAP area. Habitat model (B) for blue grouse created by SWReGAP. The Intersection (C) shows the gap status conservation lands (Status 1 and 2) and predicted blue grouse habitat with blue indicating areas where both occur.**

## DATASET AVIALABILITY

The datasets for SWReGAP will remain "provisional" until the final report has been peer reviewed and the report is accepted by the National Gap Analysis Program. Provisional data is available from [fws-nmcfwru.nmsu.edu/swregap/](http://fws-nmcfwru.nmsu.edu/swregap/).

## OUTREACH

The SWReGAP project was the highlight of the National Gap Analysis Meeting in Reno, Nevada from 6 December to 8 December. For more information on the meeting visit <http://gapanalysis.nbi.gov/>.