KBA Tools Documentation

# Tool Descriptions

## Append Coordinator Data Tool

Append formatted coordinator data to the KBASiteCentroids feature class. This is used when coordinators provide static updates of KBAs that are not yet integrated into the EBAR-KBA database. Run manually, when needed.

## KBA Site Calculate Spatial Parameters Tool

Calculate spatial parameters for all polygons in the KBASite feature class, including updating the centroid from the KBASite dataset, and updating, inserting and deleting records in the KBASiteCentroid dataset. This is used to update the data points in the KBA public dashboard. Scheduled via Windows Task Scheduler to run hourly on the server (Task Name: Update KBASiteCentroids).

## KBA Site Species Filter Tool

Write and update species information in the KBASiteCentroidSpeciesNames table from the KBASite\_Name\_Filter SQL View. This is used to update the species information in the KBA public dashboard. Scheduled via Windows Task Scheduler to run hourly on the server (Task Name: Update KBASiteSpecies Details).

# Source Code Control and Editing

Source code resides in <https://github.com/msouthee/KBATools> . Contact Meg Southee ([msouthee@wcs.org](mailto:msouthee@wcs.org)) for access.

Recommended to use an interactive development environment (IDE), such as Visual Studio (<https://visualstudio.microsoft.com/vs/community/>) or PyCharm (<https://www.jetbrains.com/pycharm/>) to facilitate interactive debugging. The Python file for each tool contains a controlling process at the end which allows you to start the tool by running that file, passing parameters for debugging.