



# DoD Participation in the Avian Knowledge Network (AKN): the Who, What, Where, When, Why, and How

*DoD AKN Air Force Training, December 12-13, 2023 (Virtual)*

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## Agenda

*All times Pacific Standard (PT)*

### Tuesday, December 12

*All times Pacific Standard (PT)*

0900 (45 min) — Welcome, Introductions, and Logistics

Welcome to the DoD / AKN workshop on using the AKN technologies for managing and utilizing avian data in the AKN.

- Welcome and introductions
- Review the workshop agenda
- DoD memo
- Avian Data Lifecycle
- What to do if you encounter technical problems

## 0945 (45 min) — AKN Project Data 101

We will cover how the AKN represents observational data and how to find the best way to organize and curate your data in a project database.

- How the AKN organizes data
- What is a Project Database?
- Protocols, Sampling Units, and Researchers
- Events and Observations
- Choosing and managing protocols (DEMONSTRATION of Biologist (<https://data.pointblue.org/science/biologists/>) for *Protocol Research* and *Manage Protocols for Project*)

## 1030 (10 min) — Break

## 1040 (45 min) — Managing Project Metadata

We will cover how to create metadata in our Project Database.

- EXERCISE 1: Creating the Point Count sampling unit hierarchy (Word (Exercise1-CreateSamplingUnits.docx) or PDF (Exercise1-CreateSamplingUnits.pdf))
- Download the sampling units into a GIS file (DEMONSTRATION of Biologist (<https://data.pointblue.org/science/biologists/>) for *Download Locations to GPS, GIS and more*)
- Adding people (DEMONSTRATION of Biologist (<https://data.pointblue.org/science/biologists/>) for *Assign Researchers to Project*)

## 1125 (45 min) — Managing Observation Data

We will cover how to enter observation data into the Project Database that is defined by the metadata we created.

- EXERCISE 2: Enter and proof a point count field survey (Word (Exercise2-EnterPointCountObservations.docx) or PDF (Exercise2-EnterPointCountObservations.pdf))
- Downloading your point count data (DEMONSTRATION of Biologist (<https://data.pointblue.org/science/biologists/>) for *Download Observations*)

## 1210 (10 min) — Break

## 1220 (30 min) — Bulk loading data to a Project

We will cover how to bulk load data into the Project Database.

- Templates for uploading, and batch processing
- EXERCISE 3: Bulk loading sampling locations (Word (Exercise3-BulkLoadingSamplingUnits.docx) or PDF (Exercise3-BulkLoadingSamplingUnits.pdf))
- Office hours and bulk loading your data

## 1250 (10 min) — Wrap-up, Plus/Delta

We will evaluate the day and make sure everyone is clear on Office Hours next week.

- Plus/Delta (PDF (PlusDelta.pdf))
- Parking lot review
- Final questions

## 1300 — Adjourn

# Wednesday, December 13

All times Pacific Standard (PT)

## 0900 (50 min) — AKN Warehouse Data 101

We will cover how data flows and is made available to other tools and users across DoD and the AKN.

- What is a Data Warehouse?
- Data sharing levels and the AKN tools that use them.
- Data sharing, data security, data ownership, and data sharing agreements.
- Setting data sharing levels (DEMONSTRATION of Biologist (<https://data.pointblue.org/science/biologists/>) for *Data Sharing Levels*)

## 0950 (40 min) — Discovering observation data

We will cover how to discover other projects using the AKN.

- EXERCISE 4: Create a species list with RAIL Tool (Word (Exercise4-CreateSpeciesListWithRAILTool.docx) or PDF (Exercise4-CreateSpeciesListWithRAILTool.pdf))
- Downloading data from a Warehouse using Data Download (DEMONSTRATION of Data Downloader (<https://data.pointblue.org/apps/downloader/>))

## 1030 (10 min) — Break

## 1040 (40 min) — Looking for trends

We will explore solving some of the specific problems that are faced by DoD facilities.

- Using the Analyst tool (DEMONSTRATION of Analyst (<https://data.pointblue.org/apps/analysts/>))
- EXERCISE 5: Using the Data Catalog and Observations Map (Word (Exercise5-ExploreSpeciesAndTrendsWithDataCatalogAndObservationsMap.docx) or PDF (Exercise5-ExploreSpeciesAndTrendsWithDataCatalogAndObservationsMap.pdf))

## 1120 (20 min) — What should you expect in the coming year with AKN, DoD, and Air Force?

We will cover plans and updates for DoD and the AKN.

- DoD AKN Program Management Plan
- Planned Updates, Tools, Data Initiatives
- OSD and Military Service Support
- Cooperative Agreement
- Updates on Service-specific Work
- On-going Support

## 1140 (10 min) — Break

## 1150 (15 min) — Next steps for you

We will show how you will add new users as a project leader.

- Creating a new log-in for a biologist or project leader (DEMONSTRATION of steps to register and approve a new user)
- Assigning roles to project personnel (DEMONSTRATION in ProjectLeaders (<https://data.pointblue.org//apps/projectleaders/>))
- Creating a new researcher (DEMONSTRATION in ProjectLeaders (<https://data.pointblue.org//apps/projectleaders/>))

## 1205 (55 min) — Wrap-up, Plus/Delta

We will evaluate the day and make sure everyone is clear on Office Hours next week.

- Plus/Delta (PDF (PlusDelta.pdf))
- Parking lot review
- Reminder of office hours
- Final questions

## 1300 — Adjourn