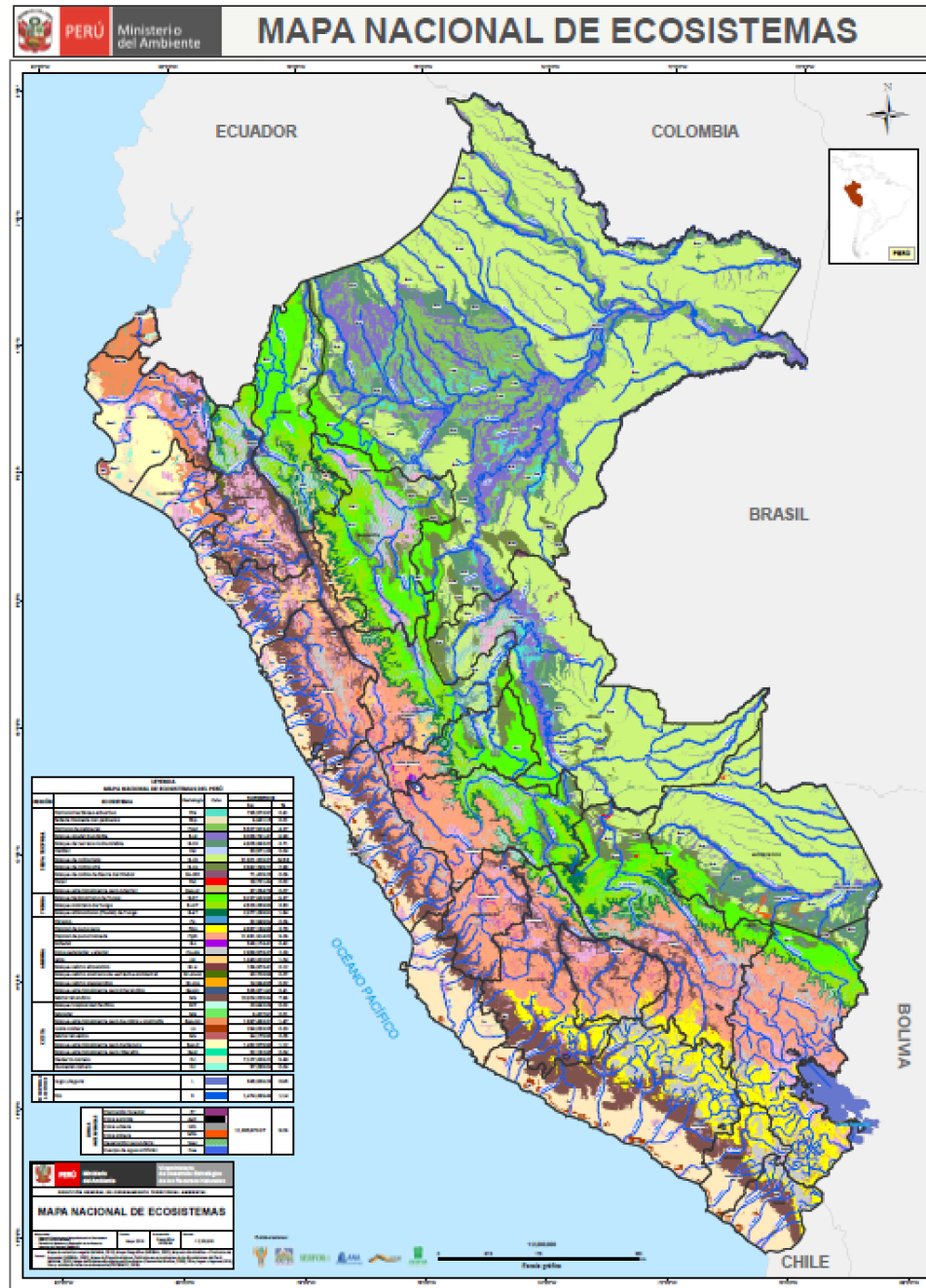




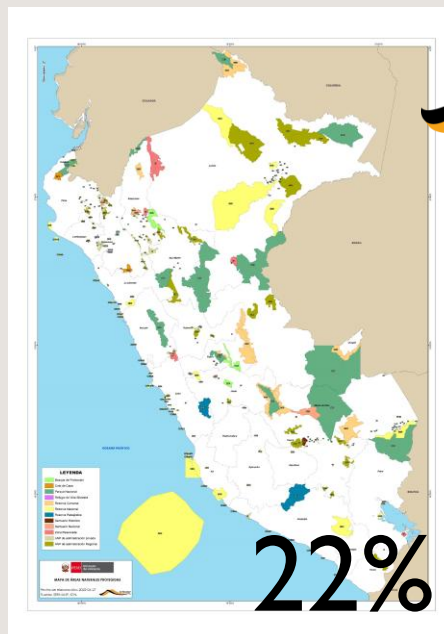
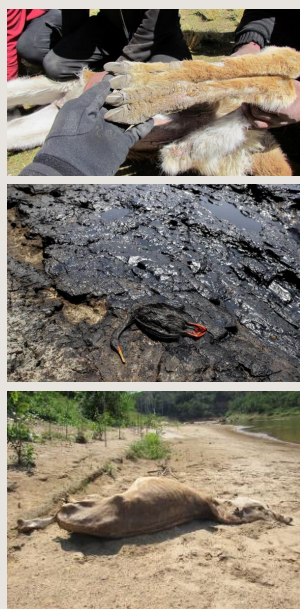
WILDLIFE HEALTH SURVEILLANCE IN PROTECTED AREAS IN PERU

Paulo Colchao, Wildlife Health Specialist WCS Peru





BRIDGING EXISTING CAPACITIES



Wildlife health events

PA & Human resources

Surveillance system in PA



Opportunity to record wildlife health events in PA

ENHANCING CAPACITIES

Workshops tailored by audience:

1. Central Level: Concepts and planning
2. Trainers: methodologies and processes
3. Parkrangers and specialists: practical knowledge



ENHANCING CAPACITIES

Training workshops:

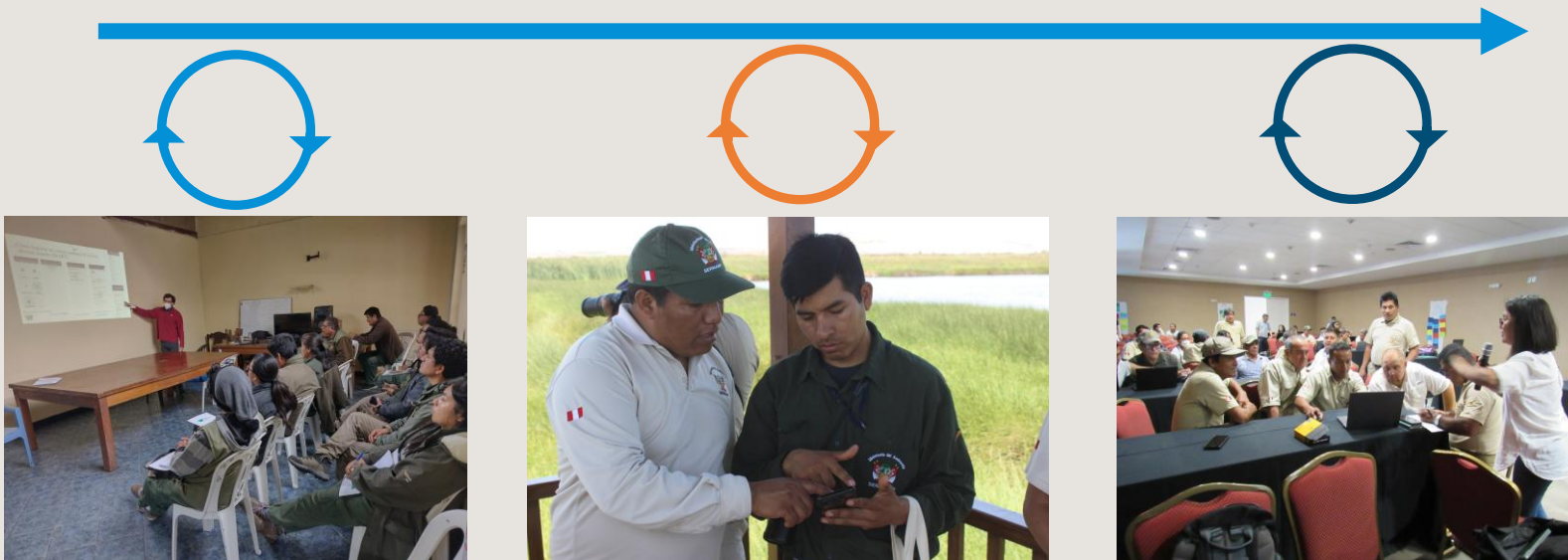
- One Health approach
- Wildlife health events, wildlife diseases and zoonotic diseases
- Data recording and communication
- The use of technology (SMART)
- Biosecurity
- Interinstitutional coordination



DATA MODEL ADAPTATION

Animales Observados por Especie

Adulto Macho	
Numero de Animales Sanos	0
Numero de Animales Enfermos o Lesionados	0
Numero de Animales Muertos	0
Adulto Hembra	
Numero de Animales Sanos	0
Numero de Animales Enfermos o Lesionados	0
Numero de Animales Muertos	0
Adulto de Sexo Desconocido	
Numero de Animales Sanos	0
Numero de Animales Enfermos o Lesionados	0
Numero de Animales Muertos	0
Juvenil	



Fauna - Especies priorizadas

* Nombre científico - fauna	
* Tipo de registro - fauna	
Visual	
* Numero Animales Sanos	1
* Numero Animales Enfermos o Lesionados	1
* Anomalias en Animales Enfermos o Lesionados	
* Numero Animales Muertos	1
* Anomalias en Animales Muertos	
* Condicion Animales Muertos	
* Causa Potencial de Enfermedad, Lesion, o Muerte	



RESULTS

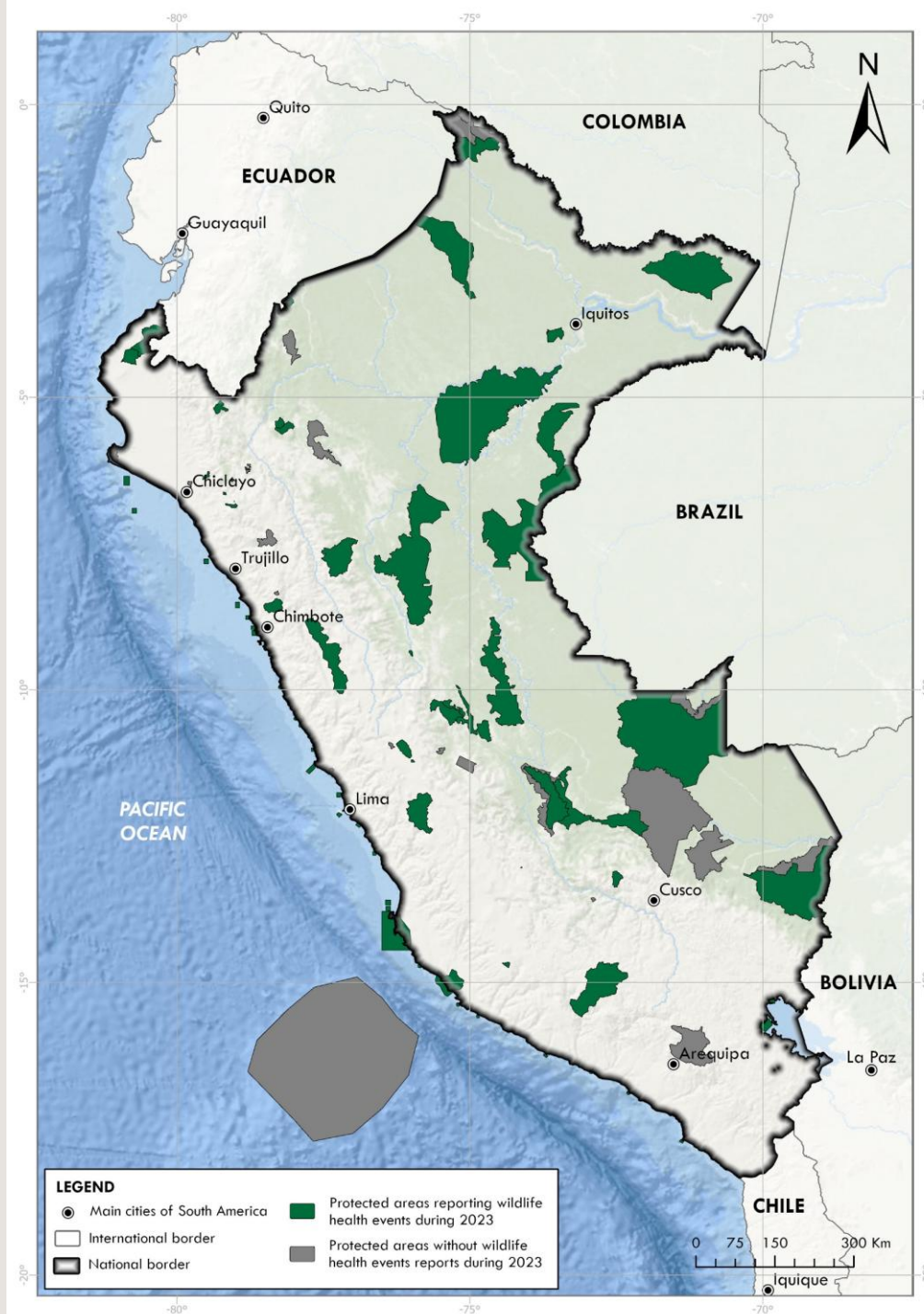
Since August 2022

14 Workshops

~45 Protected areas

>140 Trained staff

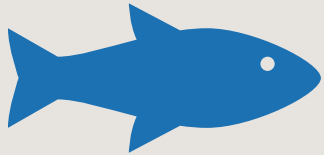
Data model integration



RESULTS

August 2022 – April 2024

143 species



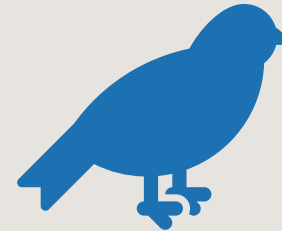
2



1



16



78

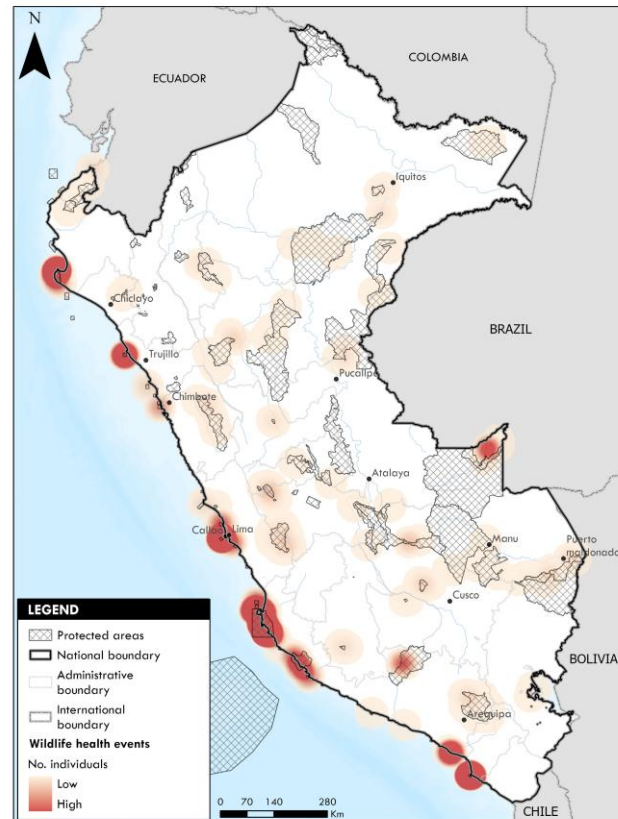


46

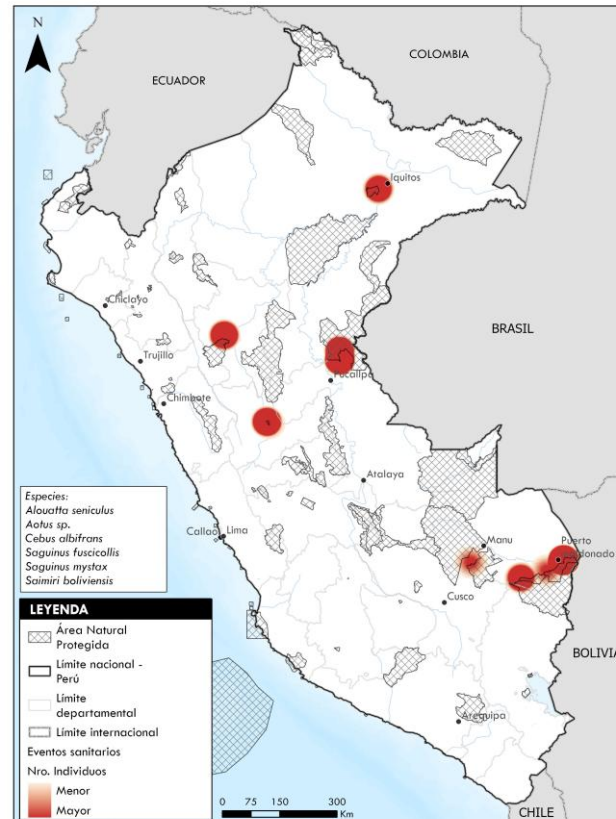
RESULTS

August 2022 – April 2024

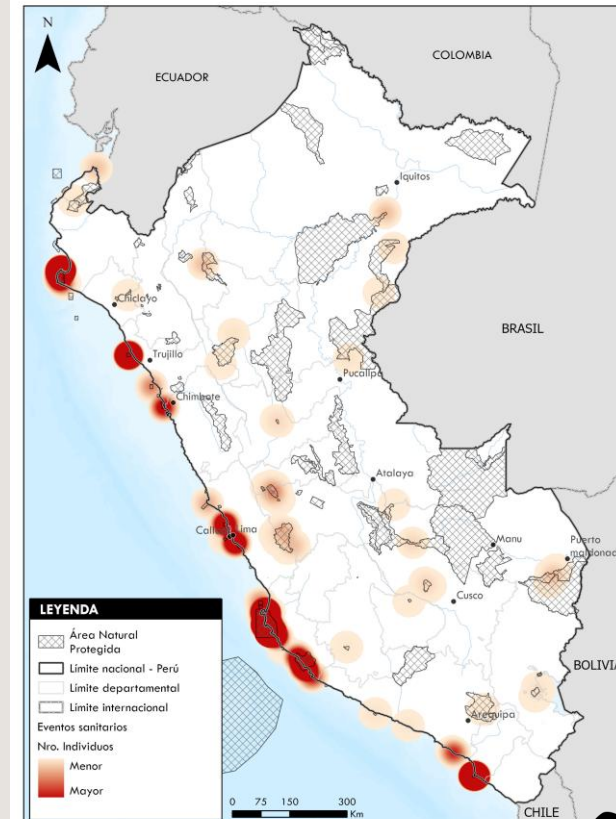
Concentration of wildlife health events in Protected Areas



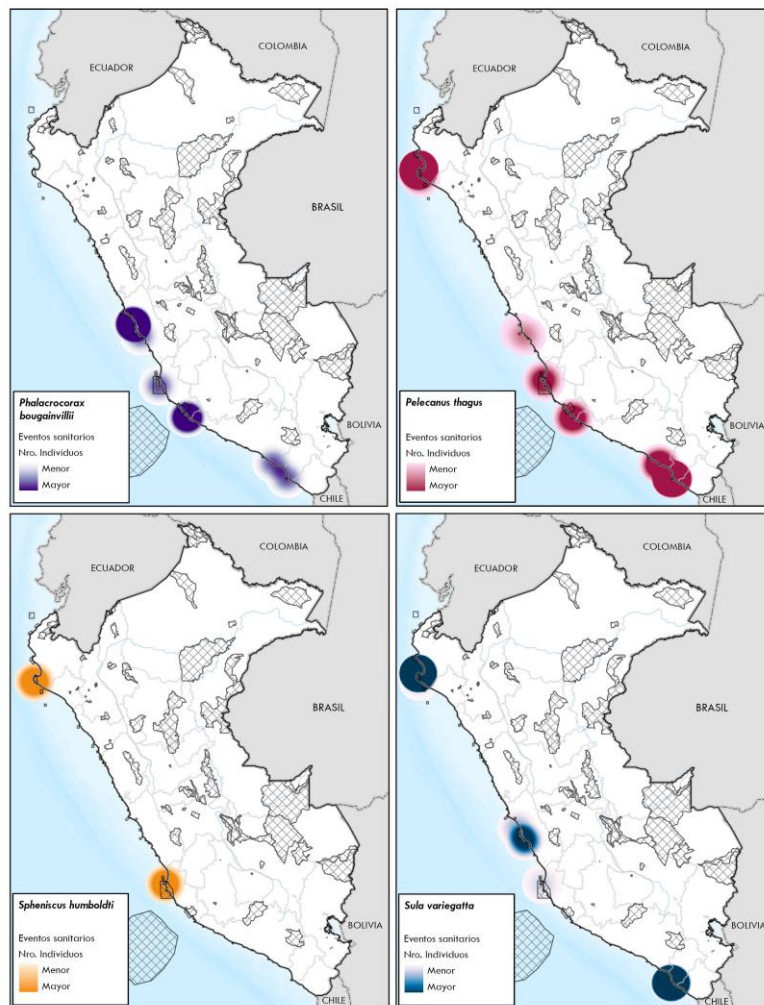
Eventos sanitarios en ANP - Monos
2022 - 2024



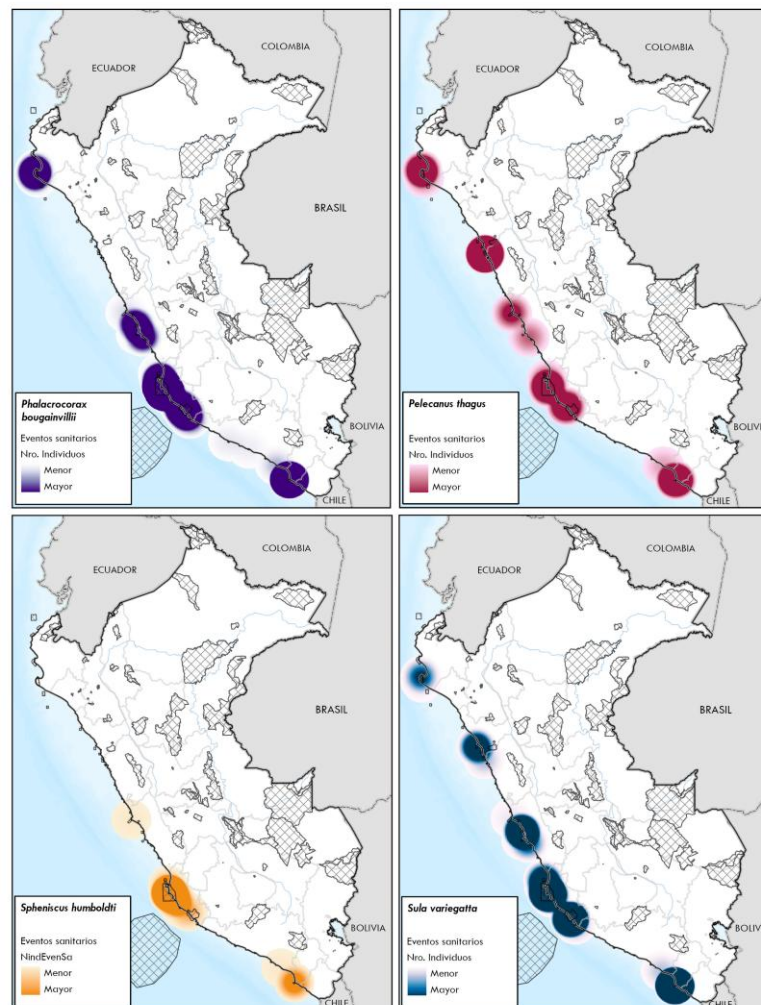
Eventos sanitarios en ANP - Aves
2022 - 2024



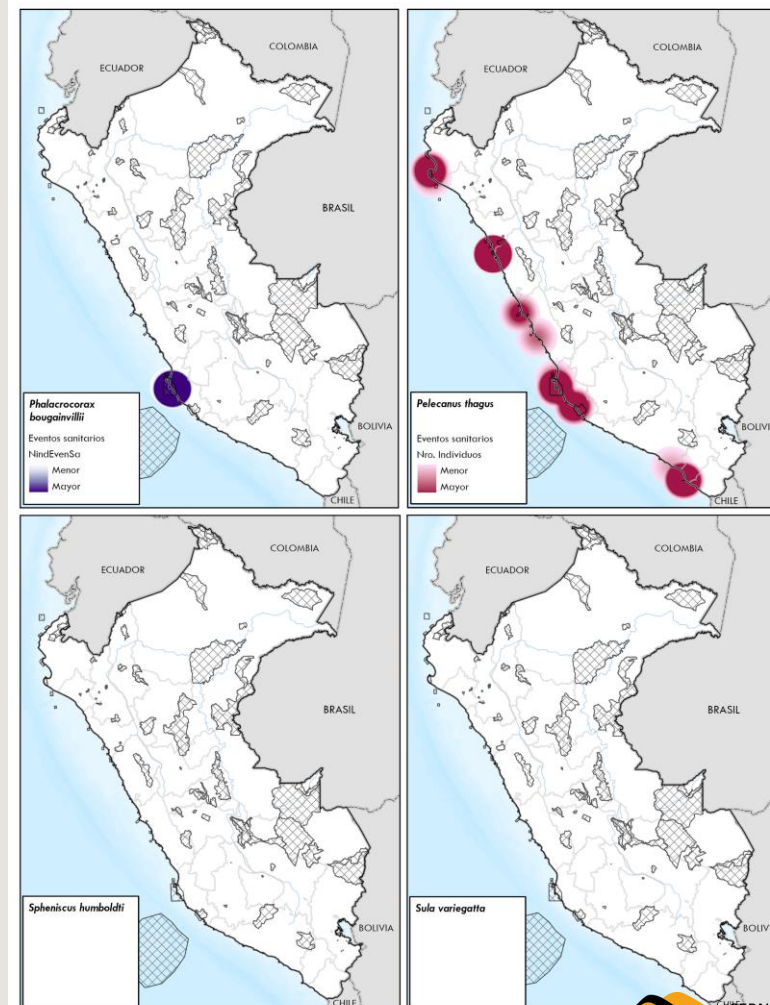
Eventos sanitarios en ANP - Aves guaneras y pingüino de Humboldt 2022



Eventos sanitarios en ANP - Aves guaneras y pingüino de Humboldt 2023

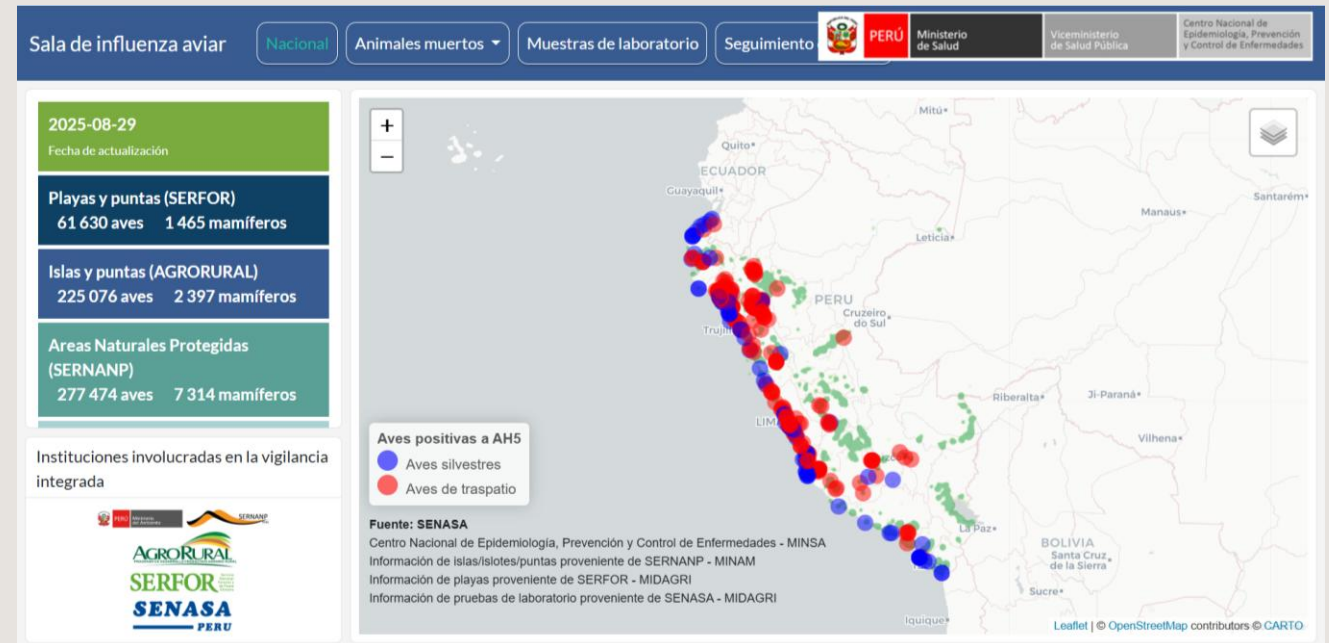


Eventos sanitarios en ANP - Aves guaneras y pingüino de Humboldt 2024



WHERE ARE WE NOW?

- Data Center
- Data management & analysis
- Data analysis
- Dashboard
- Multisectoral integration



<https://www.dge.gob.pe/sala-influenza-aviar/SITUACION-AH5.html>

CHALLENGES

- Wildlife health (WH) roles
- Integration of WHS
- Resources:
 - Human resources
 - Infrastructure
 - Logistics and geography
 - Financial support
- Resistance to change



KEY LEARNINGS

- Adaptation of technologies to each reality – Diverse tech
- Adult Learning Methodologies
- Continuous Training
- Multisectorial collaboration
- Resource-dependent
- Training to different levels and stakeholders
- Leverage the skills, talents and resources available





Gracias, thank you, merci

pcolchao@wcs.org

