

Maximizing time, talent & treasure: Conserving Indiana together



Elizabeth Mabee, Ph.D.
Conservation Partnership Coordinator
Division of Fish & Wildlife

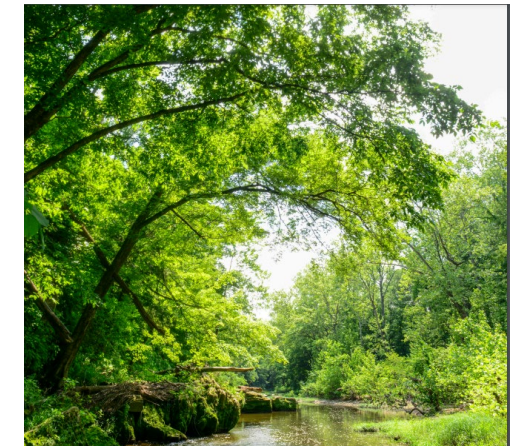
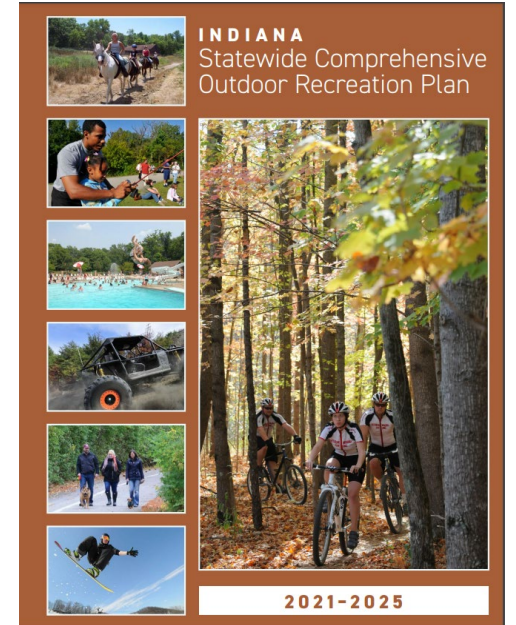
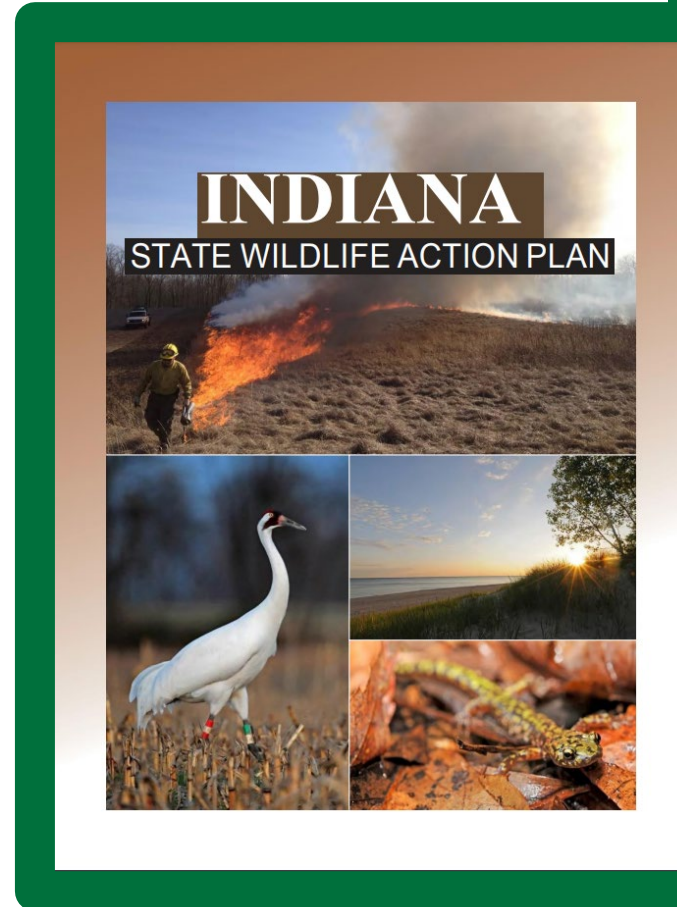
The conservation challenges we face

are too big to solve alone

and require a statewide conservation strategy

State Wildlife Action Plan: *a have to*

- Required for federal funding
- Updated every 10 years
- Requires a high-level collaboration with partners



Indiana Forest Action Plan
2020 UPDATE

“Never confuse leadership with position. A leader is one who inspires others to be the best they can be. It really is that simple.”

--Director Bortner--

State Wildlife Action Plan: a **get to**

- A co-created plan is fiscally responsible
- Supporting implementation keeps DNR in conversation about a variety of conservation challenges

Conservation is good for every Hoosier



Challenging perceptions about the SWAP

The SWAP is...

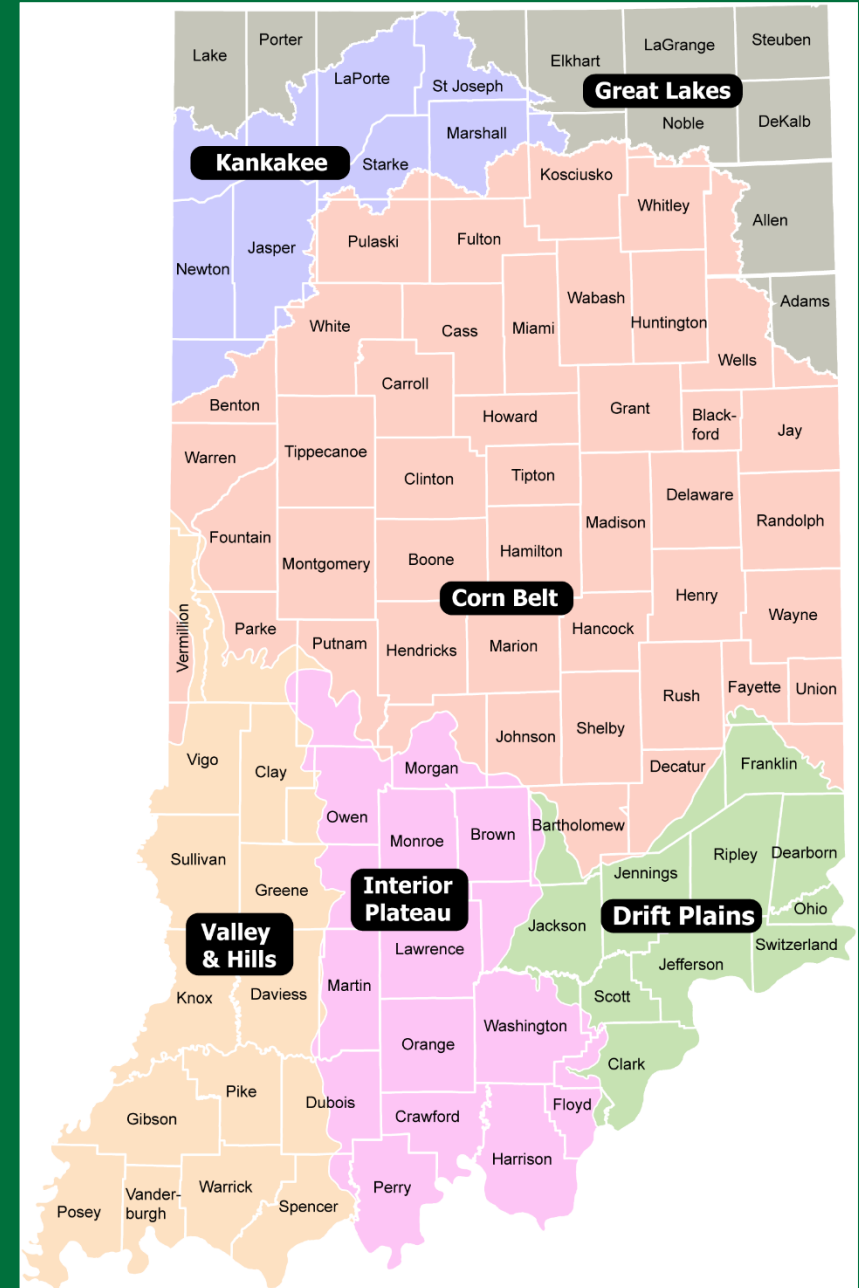
~~“A DNR plan”~~

A strategic plan for the
Indiana conservation
community

Primarily focused on
habitat

Our approach to revision

- Convene and plan regionally



Our approach to revision

- Convene and plan regionally
- Maximize engagement

Partners attending at least 1 workshop:

79

Partners attending 2 or more workshops:

14





Our approach to revision:

- Identify systems and their threats

Corn Belt Direct Threats

V 1.1 Residential expansion (includes sub/exurban)

V 1.2 Commercial development (includes sub/exurban)

H 2 Agricultural expansion into natural areas

V 2.1 Tilling associated with Annual & Perennial crops

H 2.3 Livestock farming & ranching

M 3.2 Mining & quarrying (gravel included)

M 3.3 Wind farms

M 3.3 Solar fields

M 4.1 Road development

M 4.1 Vehicle strikes on roads

H 4.2 Utility and service lines

M 5.1 Hunting & collecting terrestrial animals

M 5.3 Unsustainable logging practices

L 5.4 Over-fishing & harvesting aquatic resources

M 6.1 Recreational activities

H 7.1 Incompatible fire management practices

H 7.2 Channelization

M 7.2 Dams & levees

L 7.2 Dredging of rivers or streams

H 7.2 Roadside ditching & drain tiles

M 7.2 Water management / use

H 7.4 Limited forest management

H 7.4 Removing / reducing/not enough 'good' human maintenance

H 8 Invasive & problematic native aquatic animal spp

V 8 Invasive & problematic native aquatic plant spp

H 8 Invasive & problematic native terrestrial animal spp

V 8 Invasive & problematic native terrestrial plant spp

H 8.4 Disease (eg., chytrid fungus, white nose syndrome)

M **8 Invasive & problematic native emergent plant

H 9.1 Pollutants / effluents from residential activities

M 9.2 Pollutants / effluents from commercial activities

M 9.2 Industrial & military effluents

M 9.2 Light pollution

H 9.3 Pollutants / effluents from agriculture (excess nutrients)

V 9.3 Sedimentation from agriculture

V 9.3 Flow/drift of herbicides/pesticides into natural areas

M 9.5 Air-borne pollutants

M x. Changes in migratory phenology (hatches, fruiting, bud burst, nesting)

H x11. Increased average water temperature

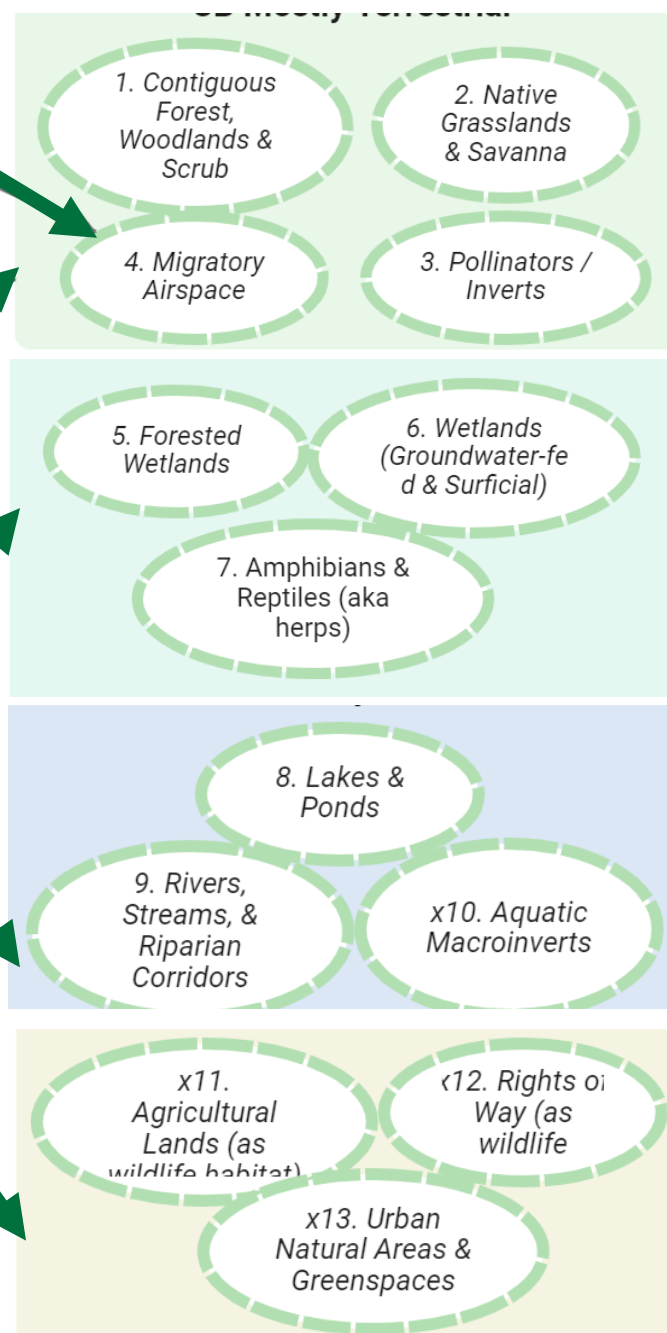
V x11.3 Increased number of hot days (> 90F)

V x11.4 Increased number of frost-free days

V x11.4 Fluctuations in precipitation timing

V x11.4 Increased annual precipitation

H x11.5 Severe / extreme weather events

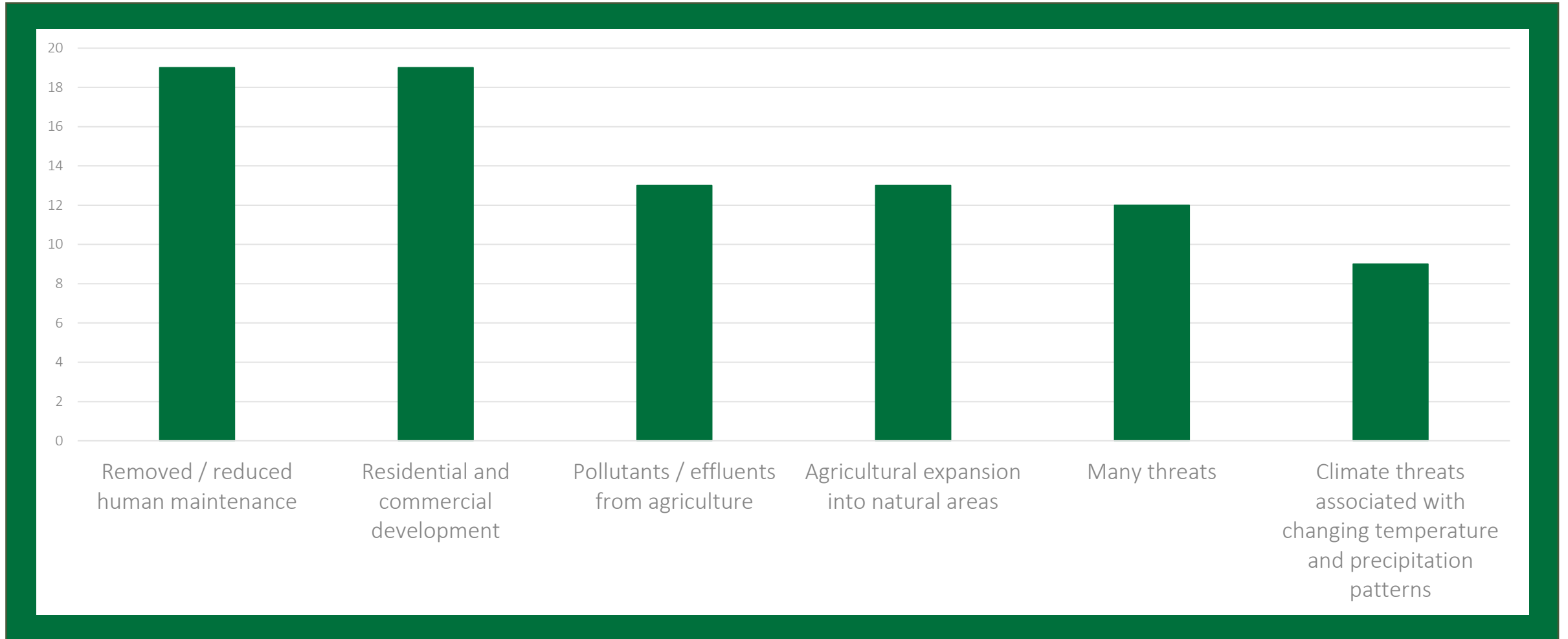


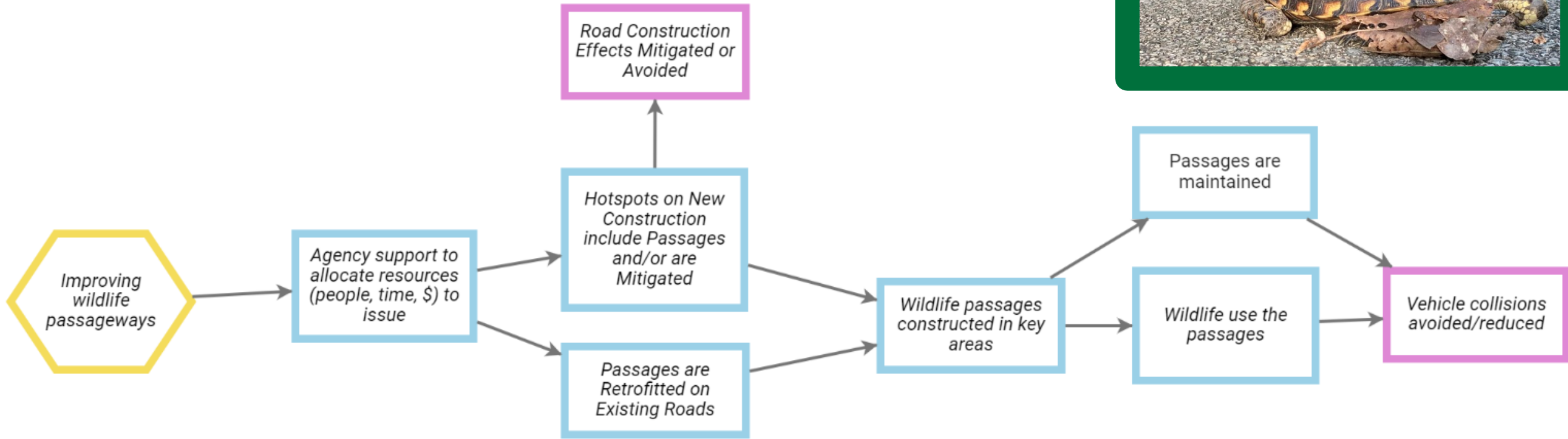


Our approach to revision:

- Identify systems and their threats
- Develop actionable strategies **together**

Strategies are comprehensive in scope





Conserving Indiana *together* is good for Indiana DNR

As regional and statewide collaborators,
we will be poised to compete for national funding
and effectively use our time, talent, and treasure.

Conserving Indiana *together* is good for every Hoosier

“Wildlife management, which encompasses habitat management to a large degree, and healthy ecosystems that support healthy fish and wildlife populations are...vital components of public health.”

-- AFWA President's Task Force on One Health Report (2023) --

THANK YOU

DNR SWAP Core Team

Elizabeth Mabee

Dan Eckstein

Dawn Johnson

Jason Wade

Brad Westrich

Foundations of Success

Caroline Stem

Nick Salafsky

Varsha Suresh

Jaclyn Lucas

emabee@dnr.IN.gov | SWAP@dnr.IN.gov

Approx SWAP Timeline

