



The Nature
Conservancy

COLORADO PLATEAU SCIENCE & MANAGEMENT FORUM

WILDLIFE HABITAT & MGMT:

Novel Ecosystems Habitat or Displacement?

Knowledge Gaps

- Which species are using them
- What adapts, displaced?
- Citizen Scientists in the Backyard
- Invertebrates...missing
- Educating the public

Functional Habitat Connections on Continental Scale

- now our focus: keep wildlife away from infrastructure
vs build around wildlife needs
- human wildlife behaviors

education
social justice

economics
where would
you put
corridors?
islands? size?

How to communicate... diversity of perspectives



Next Generation Training

- local agency PIPELINE
- Relationships - bring into classroom
- 5 most important hard & soft skills



Translocations & Reintroductions

& Introductions

- Very specific per species
(tight fidelity to current location)
- remaining creatures, able to exist?
- non game information...lacking.



baseline info

Wilderness Label
cultural change is needed

Tourism & Recreation

- Biking regulations
- Monetary value recreation vs wildlife
- Data on people use
- Data on how wildlife is using habitat



noise
mass surveillance
public shaming



USGS
science for a changing world

Nov 12, 2019 Wittmannstudios.com

Positive Future... So much public land coordinated impact



Relatively
new field

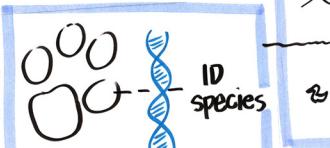
We love
animals,
but we manage
people

Humans
Wildlife
Populations
Environment & Habitat



Mark Chynoweth

NEW TECHNOLOGY



Dark Skies

We are great counters

1,2,3,4

ALL KINDS OF RECREATION

has negative impacts on wildlife

changing when people visit



BIODIVERSITY CRISIS?



HABITAT

mammalian diversity
invasive species
data (existing)
new tech
functional habitat connections
translocations & reintroductions
next generation

WHO OWN LAND
multiple uses
re-Wild West
human-wildlife contact
what do they need?

