



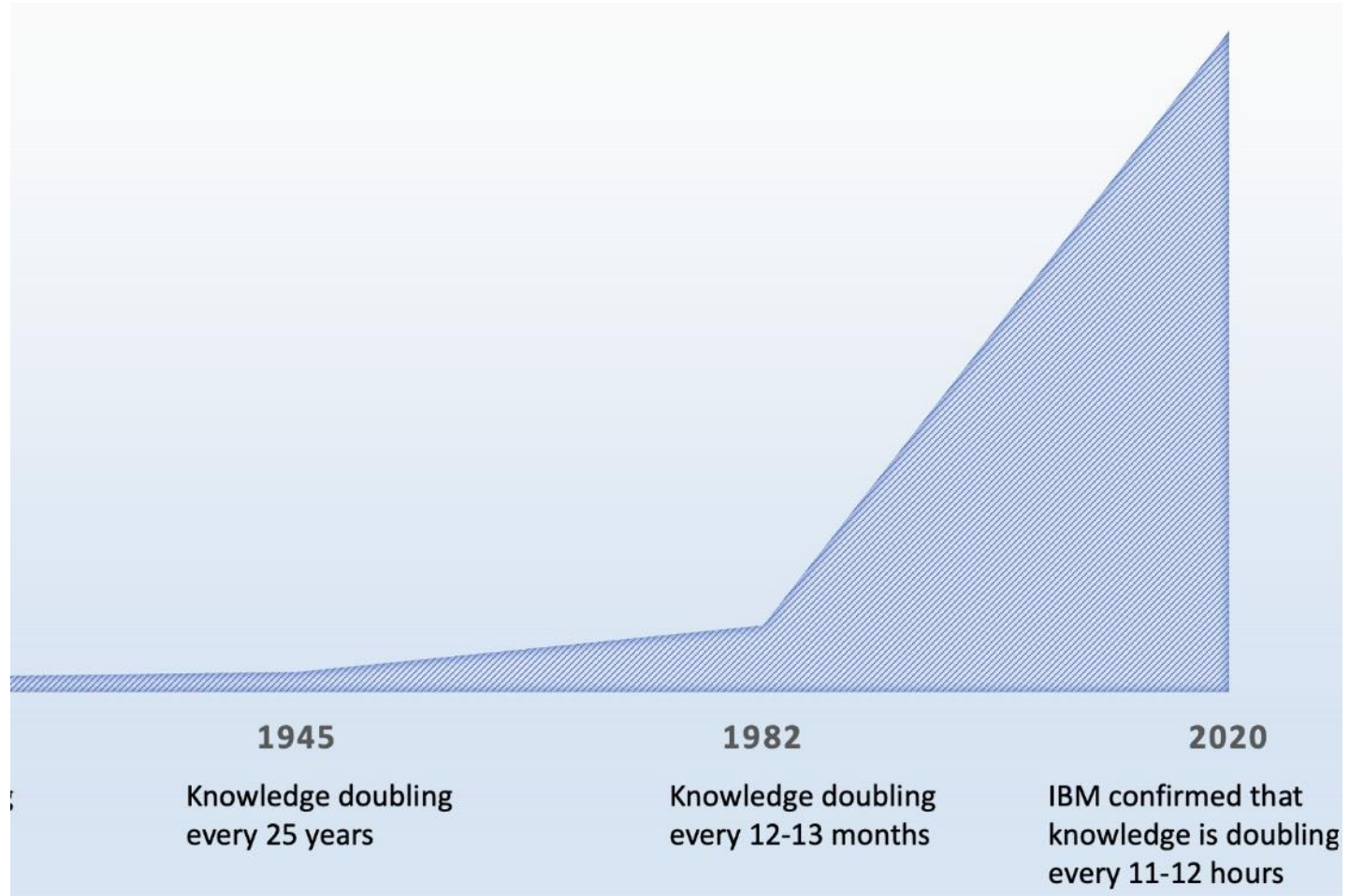
# A VIEW FROM THE GROUND

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# Cumulative Human knowledge



**Predicted to be under an hour by 2030**

# Restore Sage Steppe

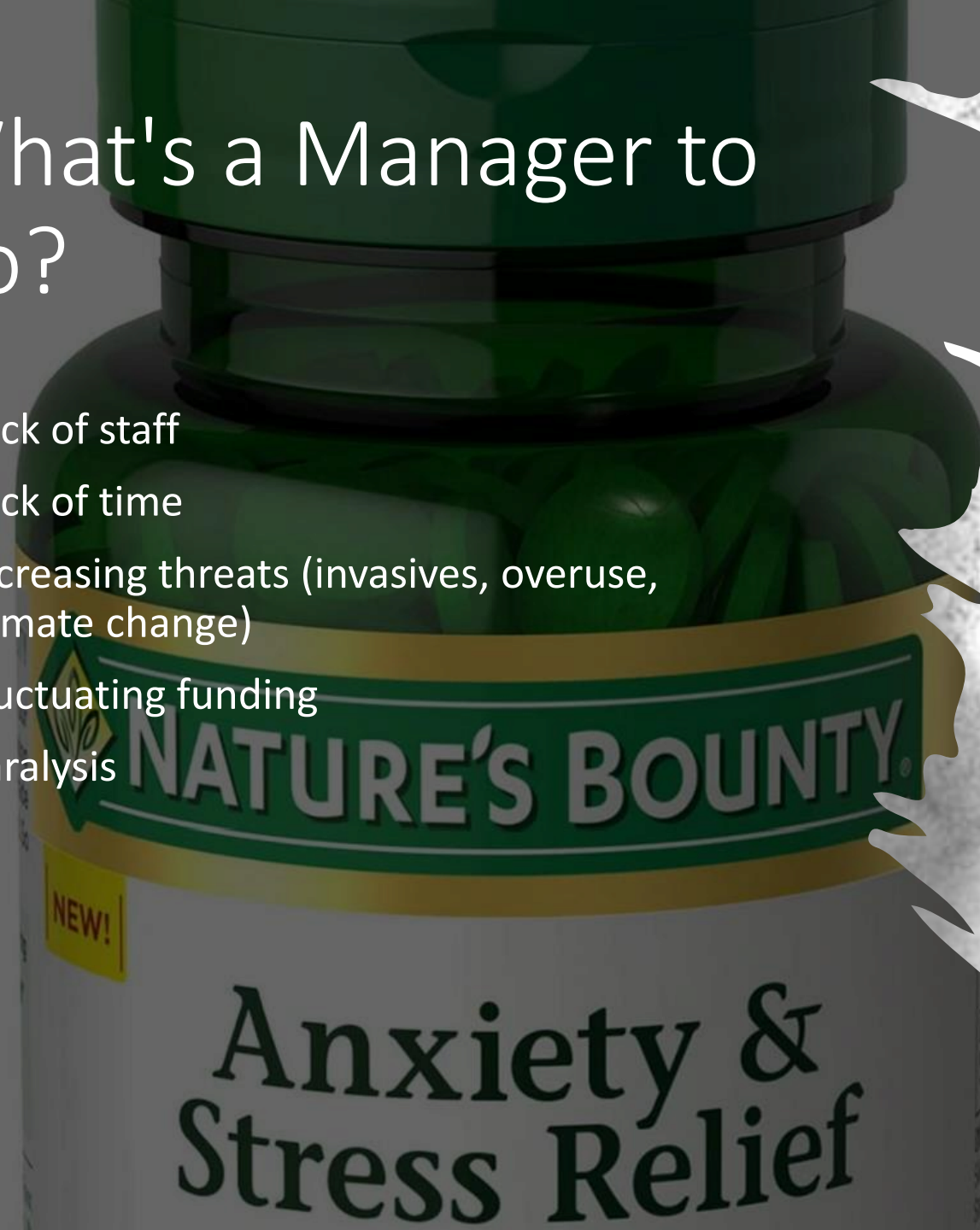
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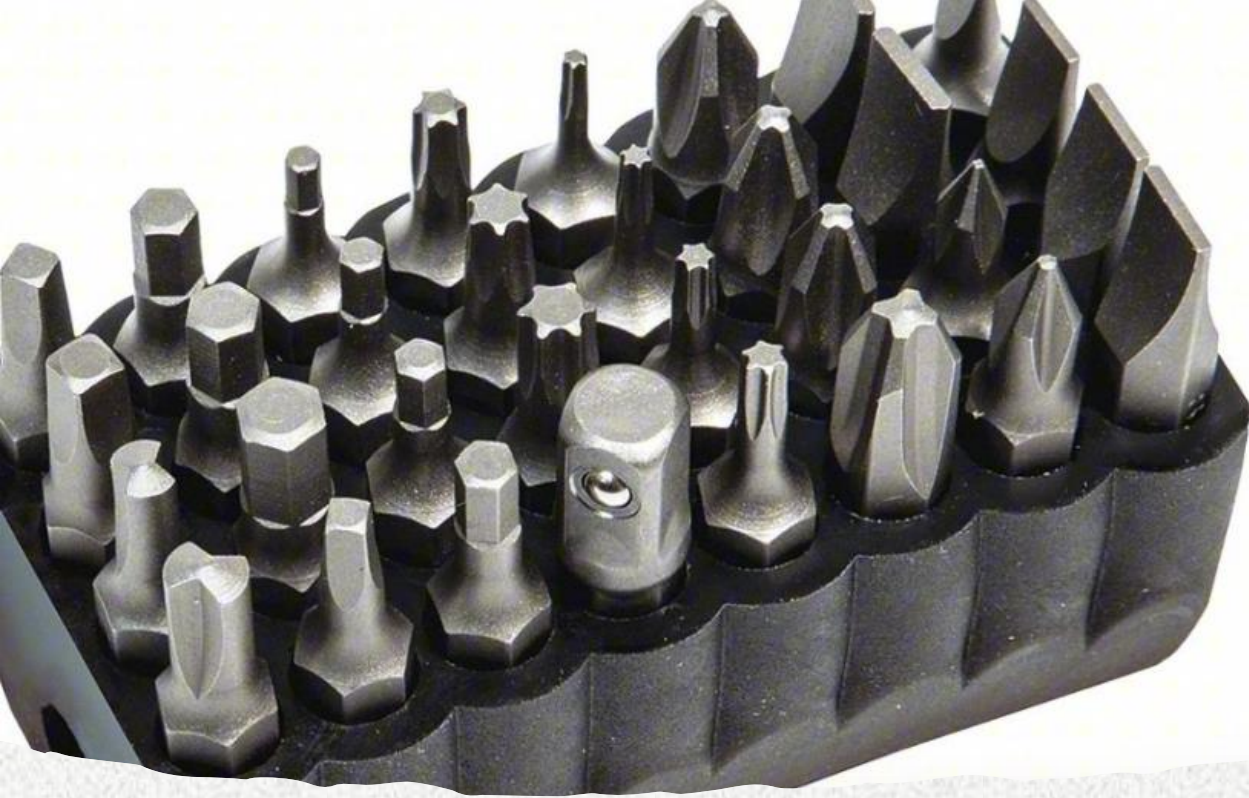
- 1945 – A decade or more
- 2024 - Still a decade or more
- 2030 – Predicted to be a decade or more!



# What's a Manager to do?

- Lack of staff
- Lack of time
- Increasing threats (invasives, overuse, climate change)
- Fluctuating funding
- Paralysis





Tools!!!

# What might help you

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- Tool help
- Pick a couple
- Long term (10 yr min)
- Tide (don't be overwhelmed)
- Take what the desert gives you
- Species Richness + a tool





## RESIST

Some changes can be resisted. Managers will work to maintain ecosystem processes, function, and composition without experiencing dramatic, threshold-crossing changes.



## ACCEPT

Many changes can be accepted, perhaps because they cannot feasibly be resisted or because they are acceptable to—or even desirable by—society. Managers will work to ease the transition.



## DIRECT

A few changes can be directed toward a different state, either because resistance is unrealistic or there is an opportunity to direct the change to a more desirable future state. Managers will face a new frontier in overseeing this process.

We need to fully embrace RAD!

- **Native Prairie Adaptive Management (NPAM)** initiative and was based on the application of an adaptive decision-support framework to assist managers in selecting management actions despite uncertainty and in maximizing learning from management outcomes.