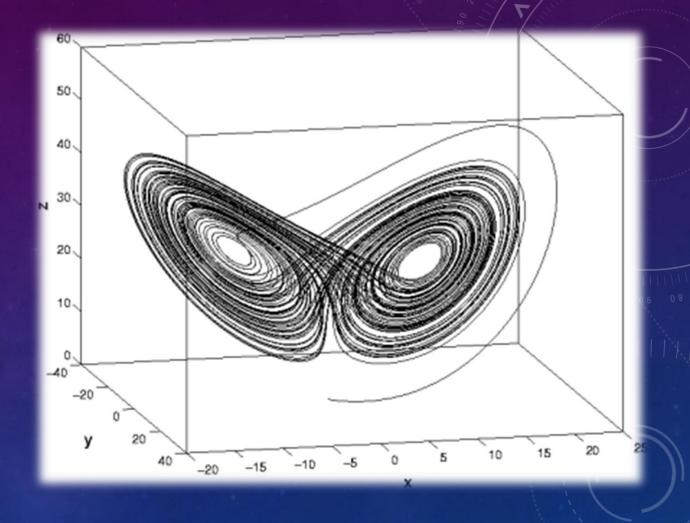
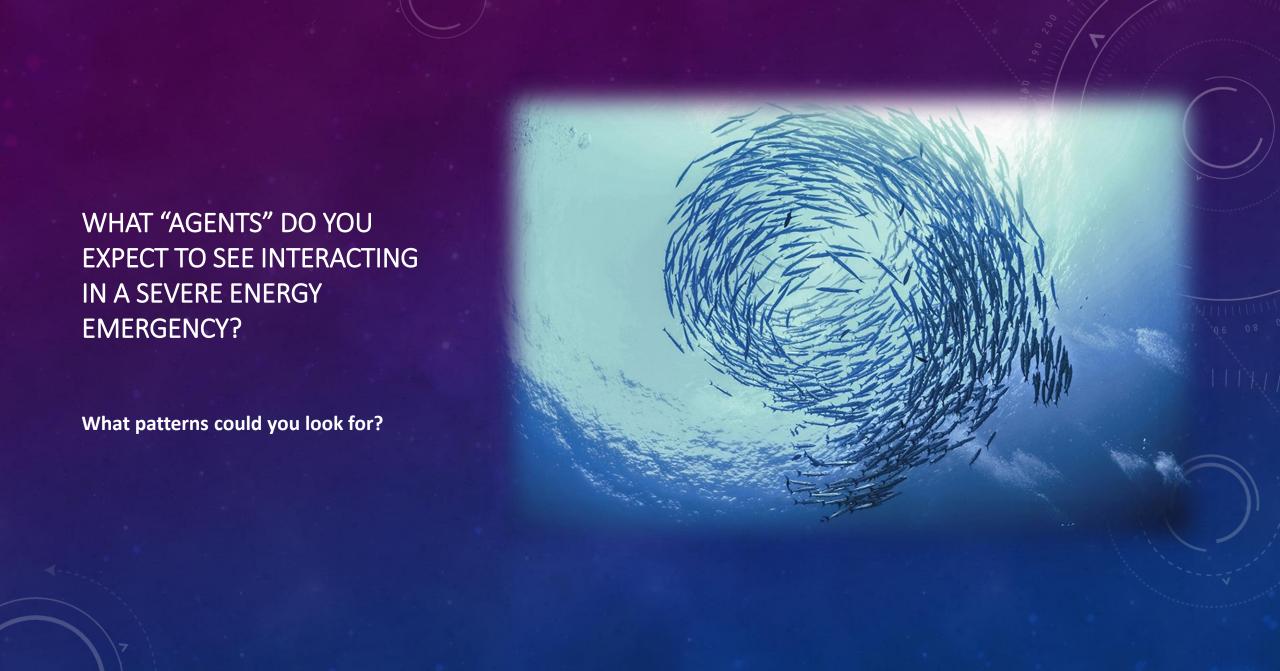


COMPLEXITY



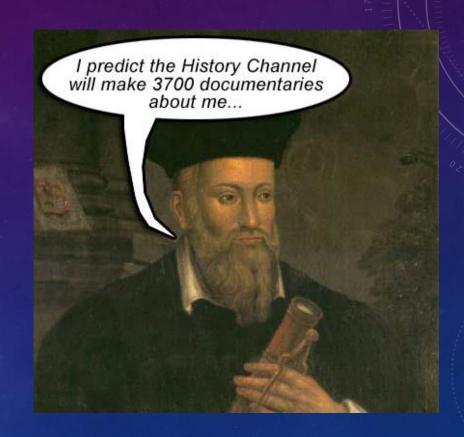


How patterns and order emerge from the interaction of multiple agents.



FALLACY CHALLENGES

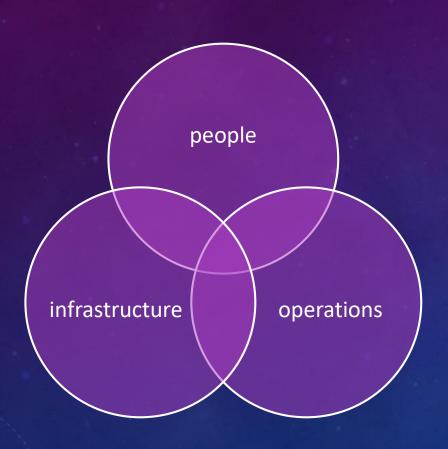
- Historical precedent fallacy
- Analogy fallacy
- Planning assumption accuracy fallacy
- Expert leader fallacy
- Nostradamus fallacy
- Deity fallacy



A COOP

AND

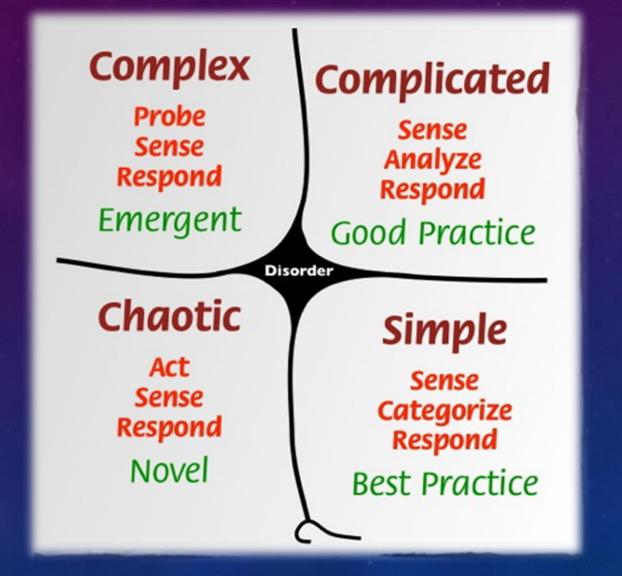
A COG FRAMEWORK



- Delegations of Authority
- Succession Planning
- Vital Records and Databases
- Devolution Plans

Transition and The Governor: A Planning Guide NGA. NGA Consulting. 2018

A Leader's Framework for Decision Making
(David Snowden and Mary Boone. Harvard Business Review. November 2007)



The Cynefin Framework

THE <u>SIMPLE</u> DOMAIN – WHAT ARE SOME SIMPLE COOP/COG PROBLEMS WE CAN EXPECT TO SEE?



Sense

Categorize

THE <u>COMPLICATED</u> DOMAIN – WHAT ARE SOME COMPLICATED COOP/COG PROBLEMS WE EXPECT TO SEE?

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Sense

Analyze

THE <u>COMPLEX</u> DOMAIN – WHAT COMPLEX PROBLEMS SHOULD WE EXPECT TO SEE?



Probe

Sense

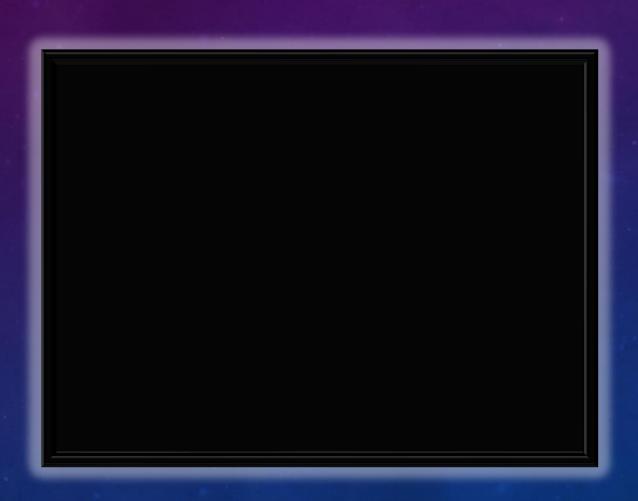
USING COMPLEXITY

- Recognize the domain, disabuse simple/complicated/chaotic
- Look for patterns, analyze for positive/negative
- Probe experiment
- Amplify Reduce



Re-evaluate

THE <u>CHAOTIC</u> DOMAIN – WHAT CHAOTIC PROBLEMS SHOULD WE EXPECT TO SEE?



• Act

Sense

NEWTON AND DARWIN



Simple and Complicated (Ordered)

Complex and Chaotic (Disordered)



APPROPRIATELY BALANCE THE MACRO AND MICRO VIEWS OF THE ISSUE



Patterns and Emergence

Details and Data

