

Maryland Coastal Adaptation Report Card

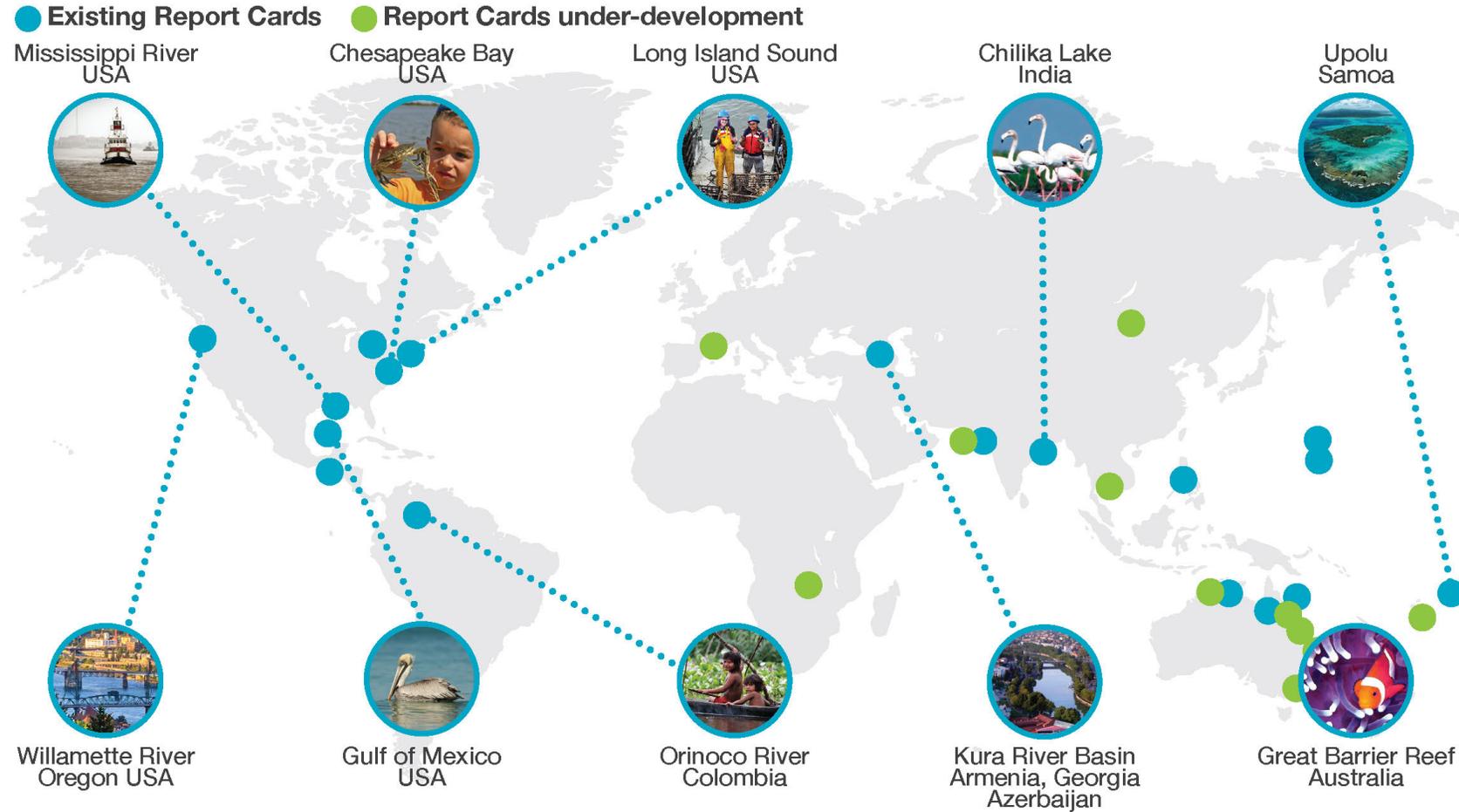
Heath Kelsey, Katie May Laumann, Annie Carew
University of Maryland Center for Environmental Science
Integration and Application Network

Presentation outline

- Introduction to IAN
- Project Introduction
 - Indicators
 - Stakeholders
- We need your help!



UMCES has worked on many report cards worldwide



The report card process is 5 steps

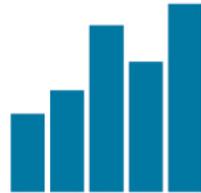
1 CONCEPTUALIZE



2 CHOOSE INDICATORS



3 DETERMINE THRESHOLDS



4 CALCULATE GRADES



5 COMMUNICATE



Coastal Adaptation Report Card Team



Heath Kelsey

PI



Katie May Laumann

Co-PI

Project Manager



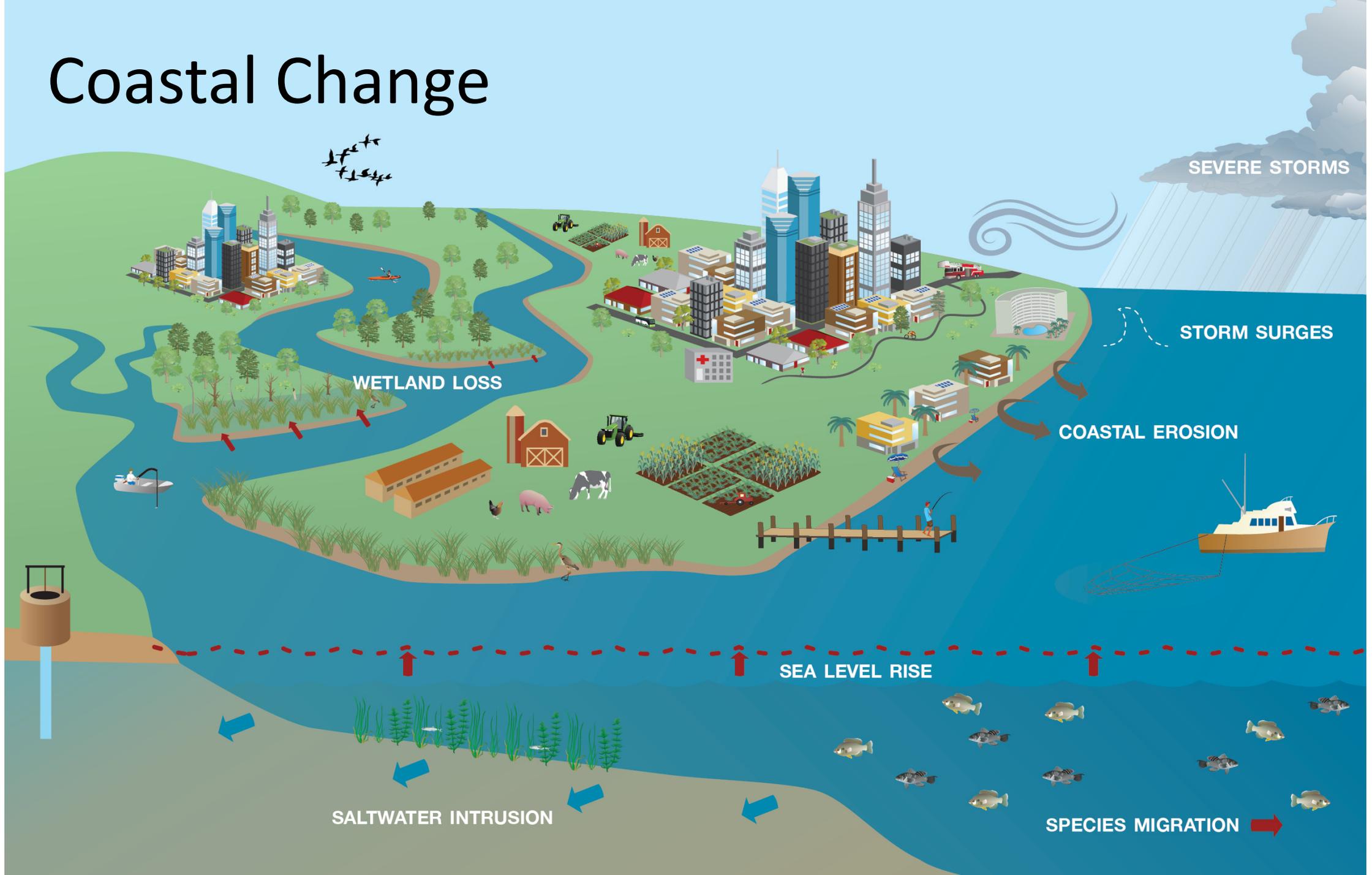
Annie Carew

Science Communicator

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Coastal Change



Investment in Adaptation



How do we assess progress & success?



Maryland Coastal Adaptation Report Card: Current Phase

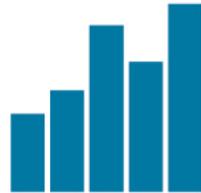
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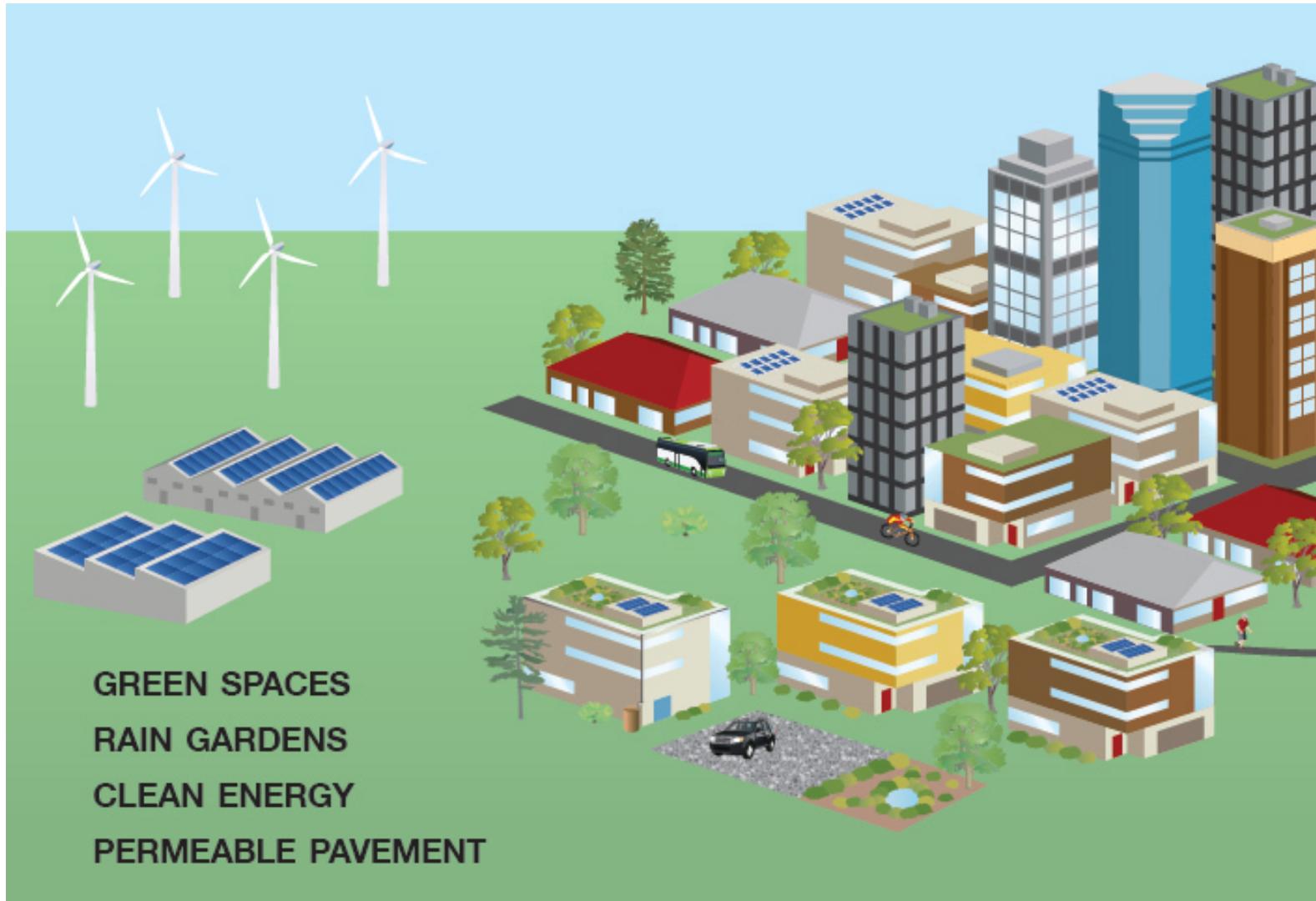


Existing metrics: 4 categories

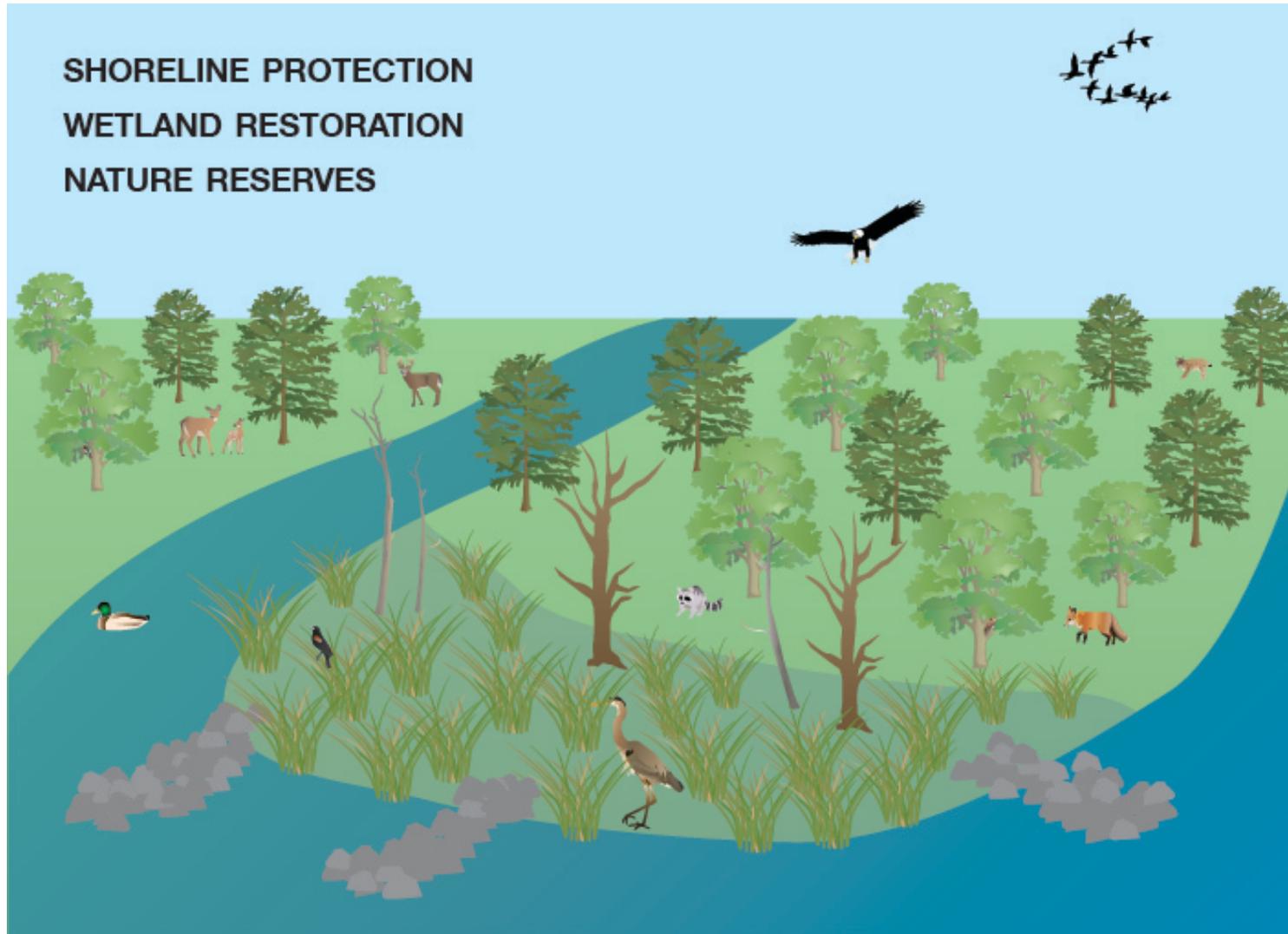
- Development and physical infrastructure
- Ecosystem restoration and management
- Disaster preparedness and response
- Public education and engagement



Indicator Categories: Development & physical infrastructure



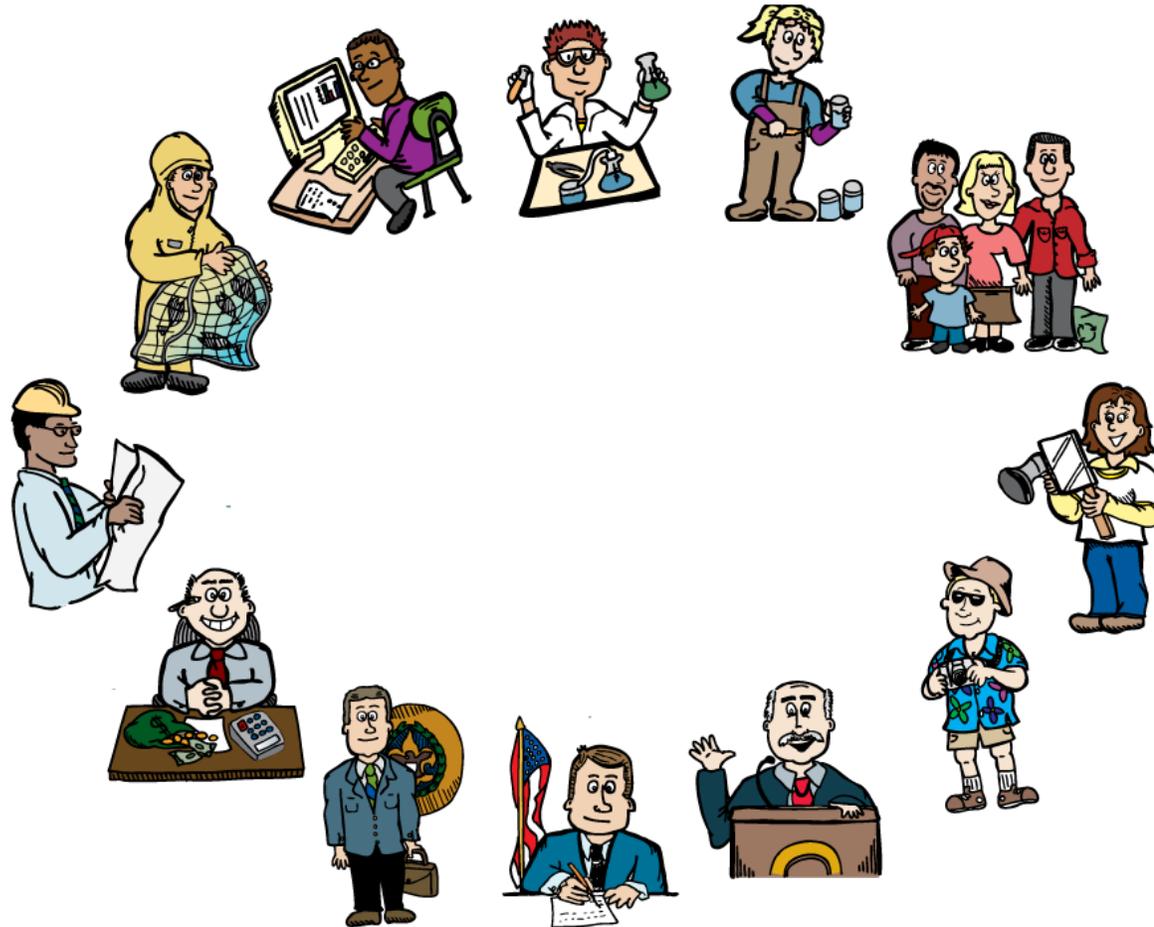
Indicator Categories: Ecosystem restoration & management



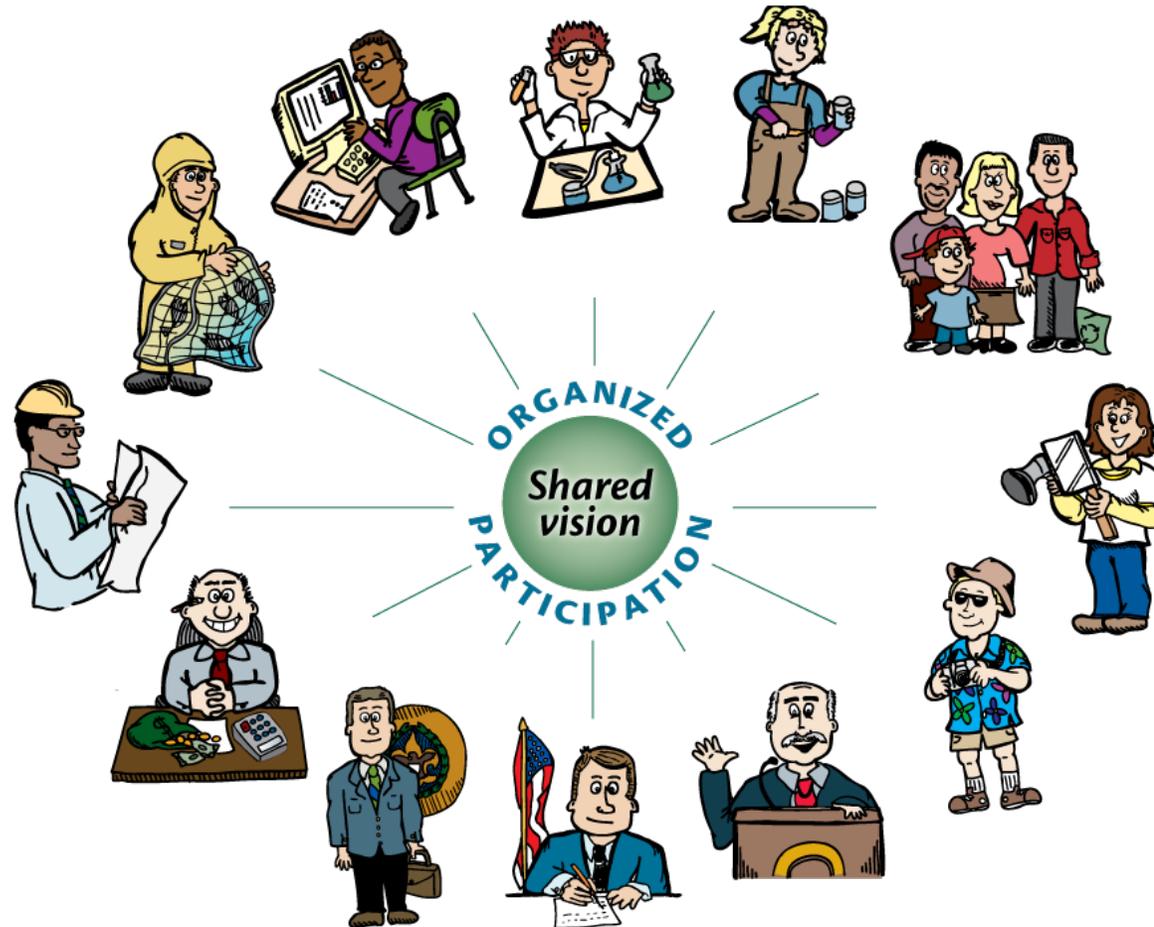
Indicator Categories: Disaster preparedness & response



Indicator Categories: Public engagement and education

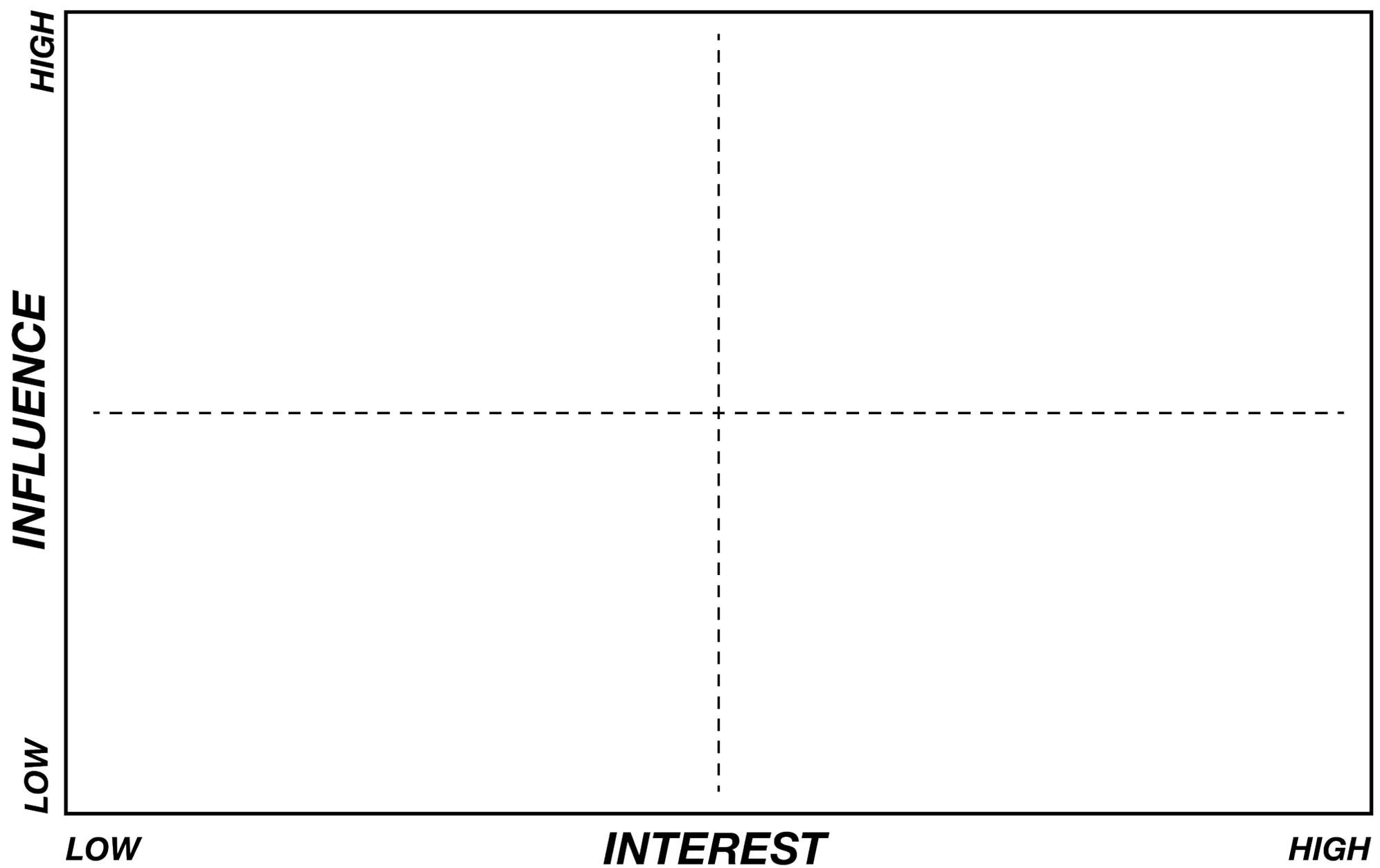


Public engagement and education -> Our Process



Maryland Coastal Adaptation Report Card: Current phase





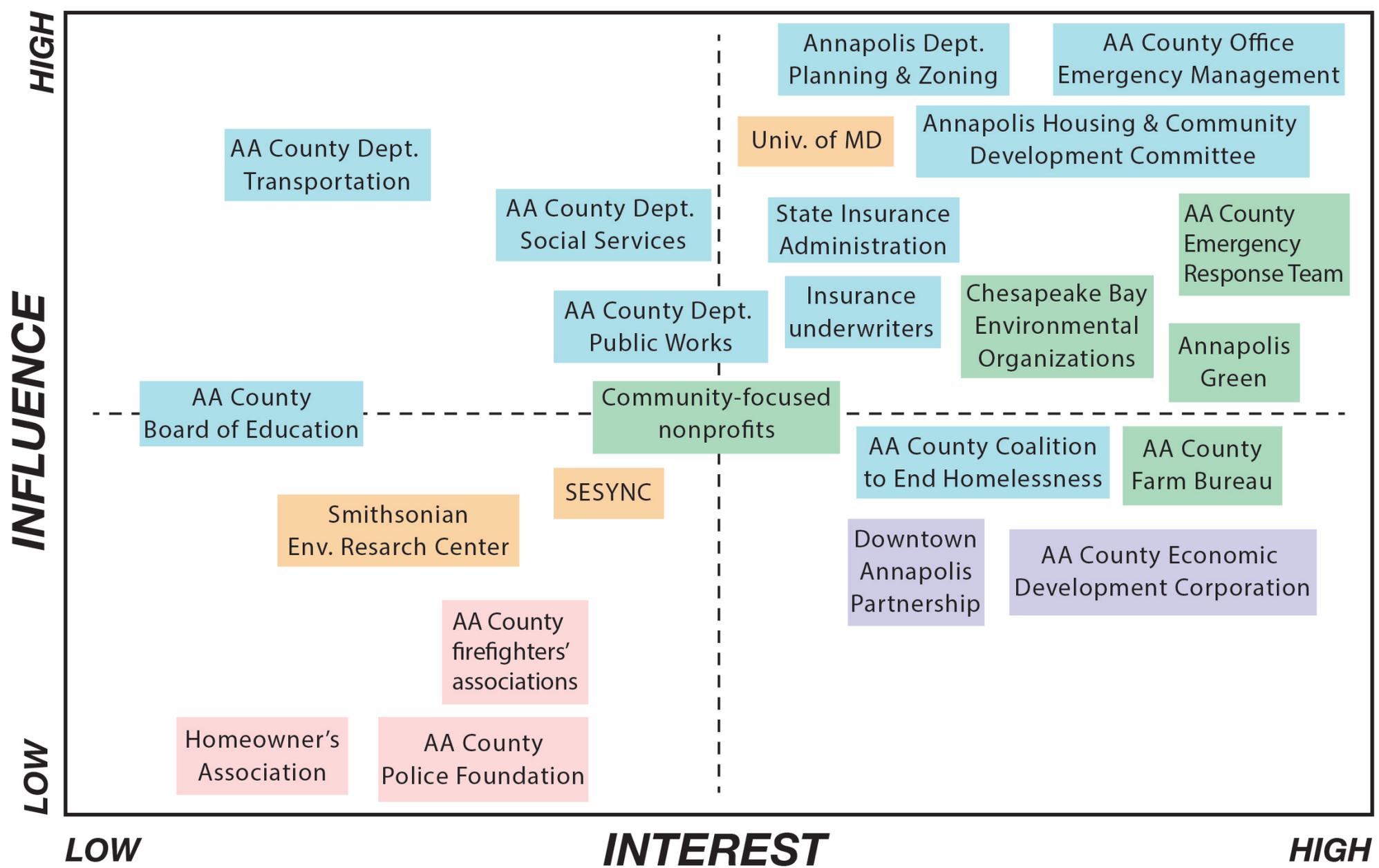
Research

NGOs

Community
Organizations

Government

Industry



Research

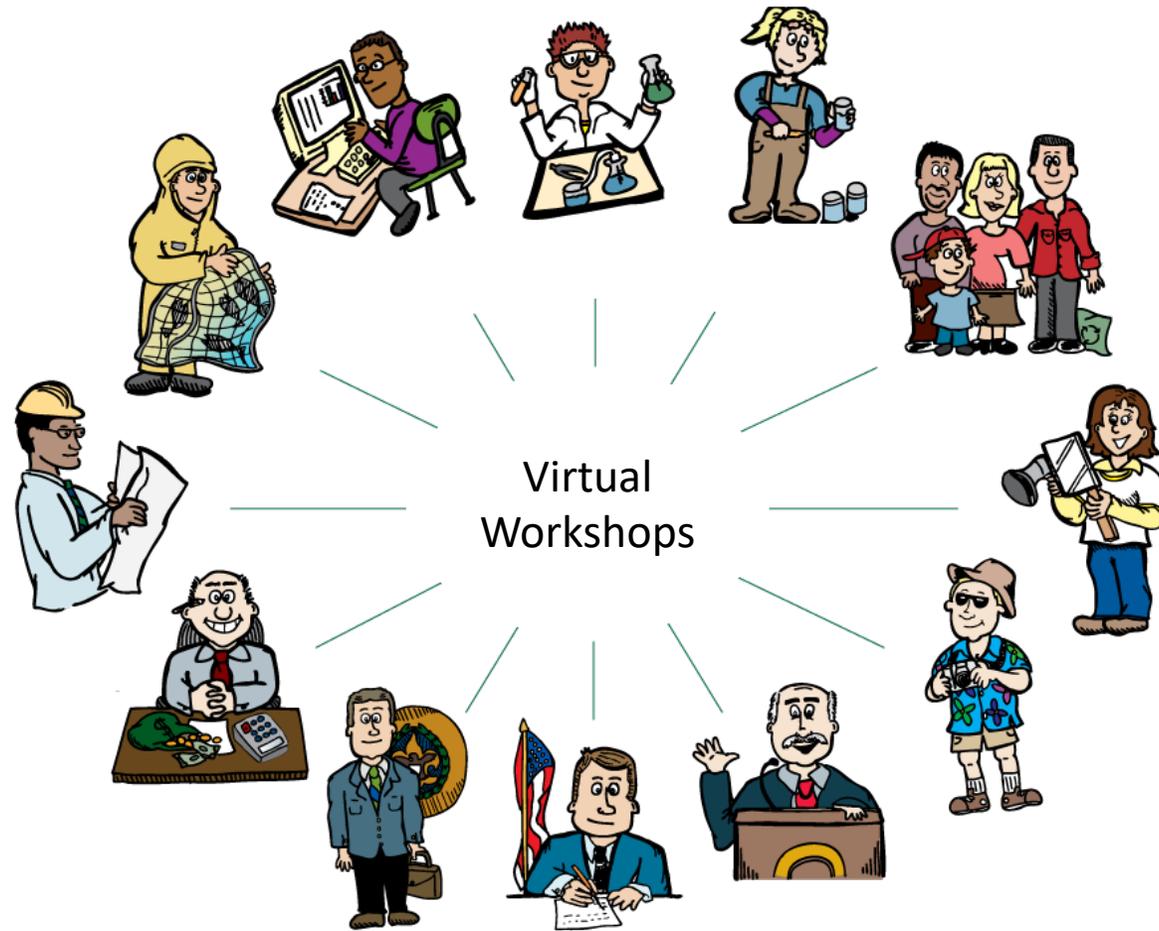
NGOs

Community Organizations

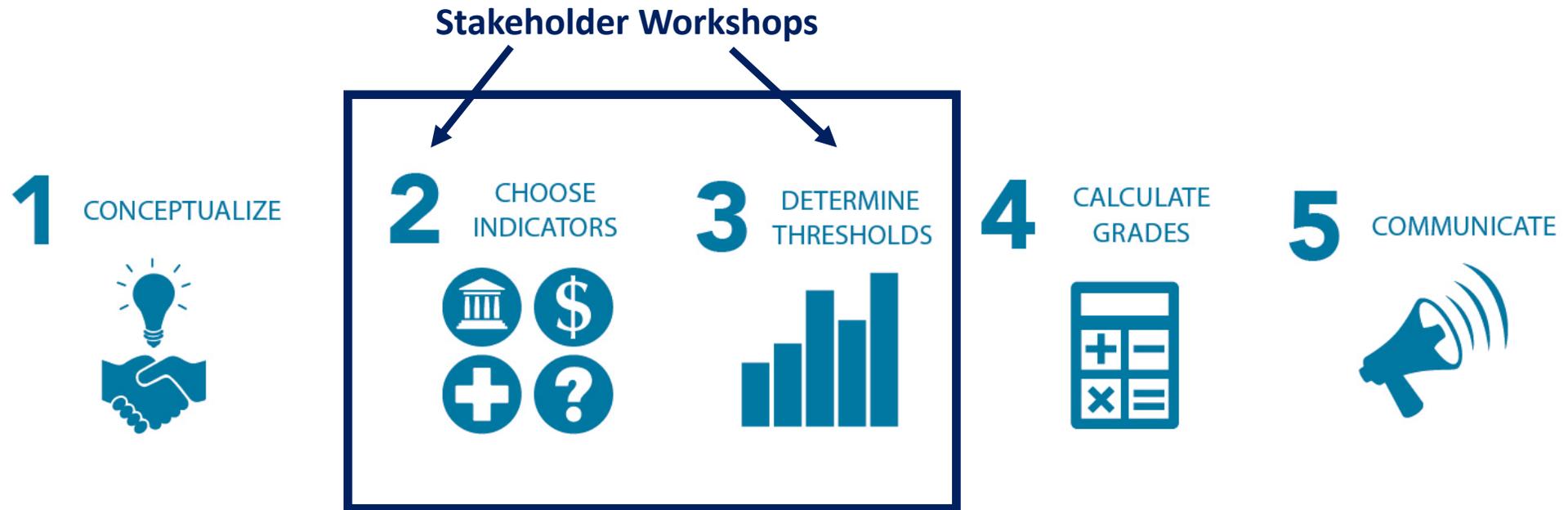
Government

Industry

Engage stakeholders: Virtual Workshops



Maryland Coastal Adaptation Report Card: Current phase



Maryland Coastal Adaptation Report Card: Next phase

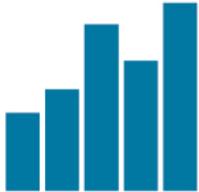
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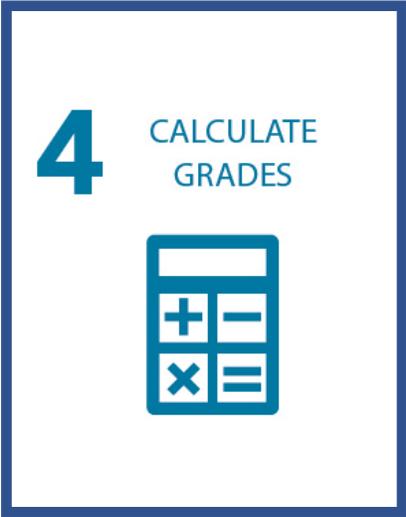
3 DETERMINE THRESHOLDS



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5 COMMUNICATE



Stakeholder
Consultation

Calculating Scores

- Score current condition against threshold/target condition
- Convert to number/letter grade

What do the scores mean?

A 80–100%

All indicators meet objectives. Indicators in these locations tend to be very good, most often leading to preferred conditions.

B 60–<80%

Most indicators meet objectives. Indicators in these locations tend to be good, often leading to acceptable conditions.

C 40–<60%

Some indicators meet objectives and others do not. Indicators in these locations tend to be moderate, leading to sufficient conditions.

D 20–<40%

Few indicators meet objectives. Indicators in these locations tend to be poor, often leading to degraded conditions.

F 0–<20%

Very few or no indicators meet objectives. Indicators in these locations tend to be very poor, often leading to unacceptable conditions.

Maryland Coastal Adaptation Report Card: Final phase

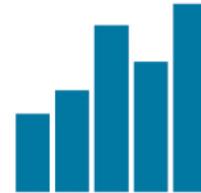
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Back to the
Stakeholders

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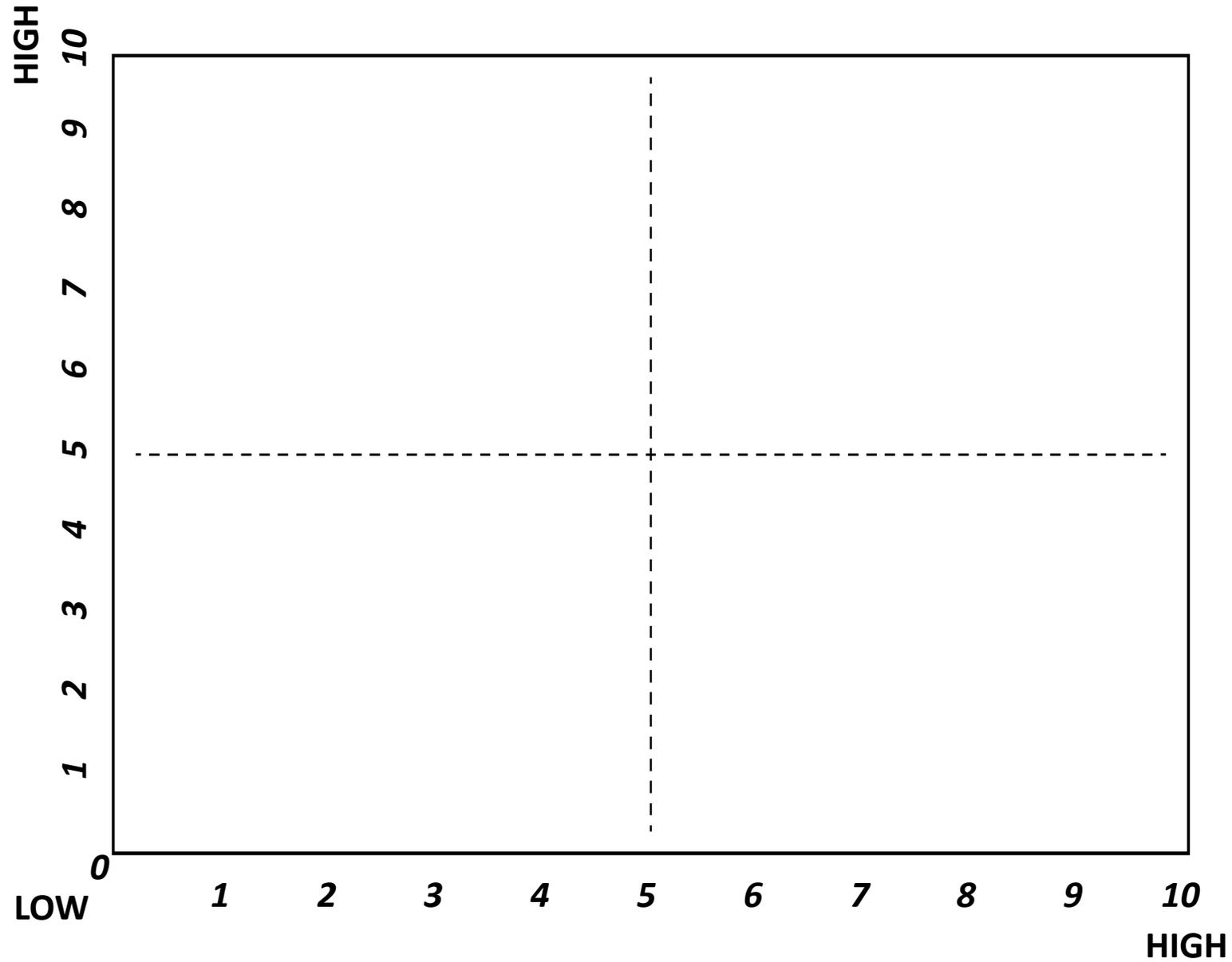
Thank you!

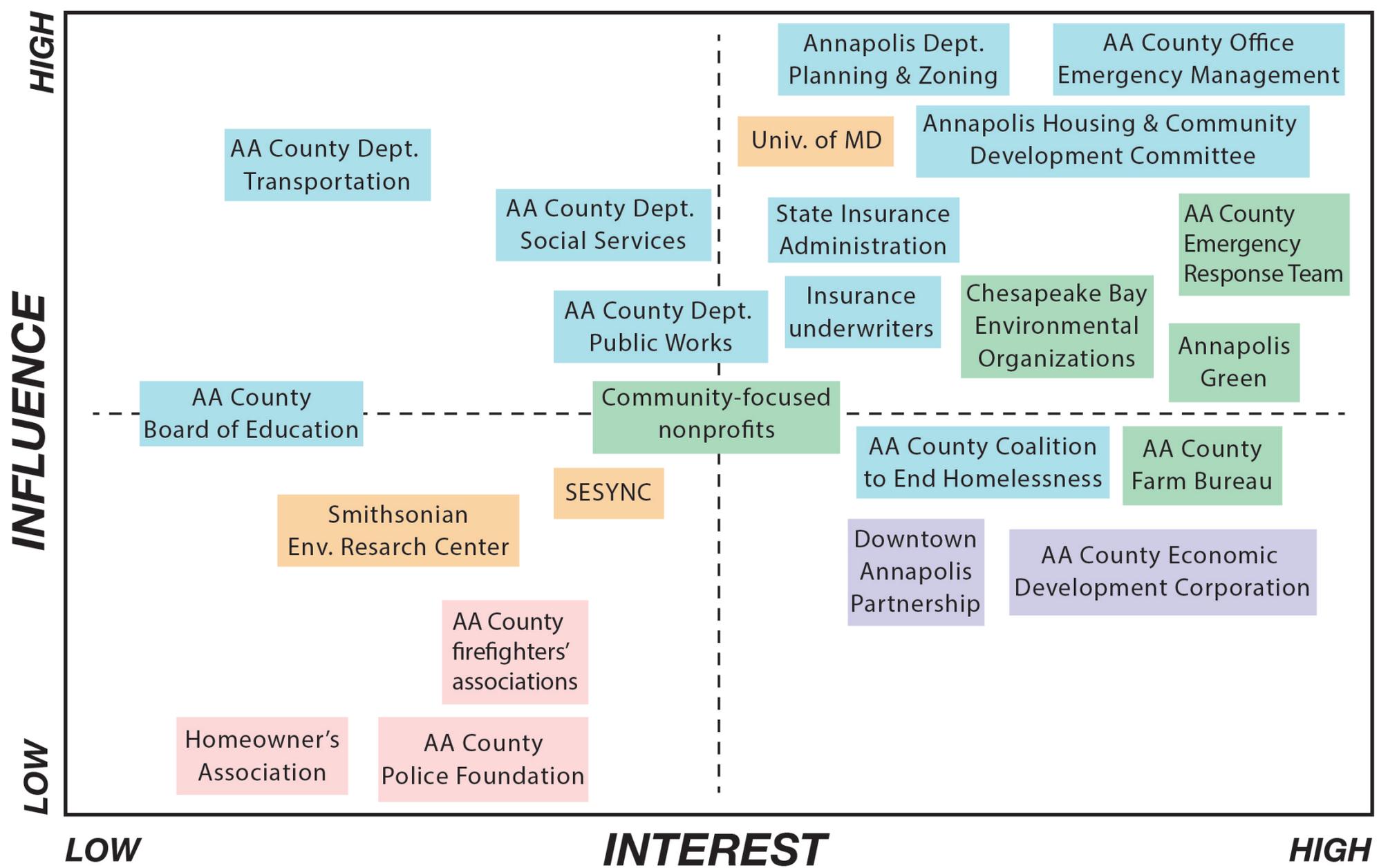
- Please look for our email!
- Questions, comments, and suggestions?

Katie May Laumann, Project Manager

klaumann@umces.edu

We need your help!





Research

NGOs

Community Organizations

Government

Industry