



Environmental Report Cards

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Arnold School of **Public Health**

- **Environmental Health Sciences'** philosophy:

healthy environments enhance the health and well-being of individuals and the communities in which they live.

Source: Department of Environmental Health Sciences, Handbook for Graduate Students 2016-2017, Arnold School of Public Health.

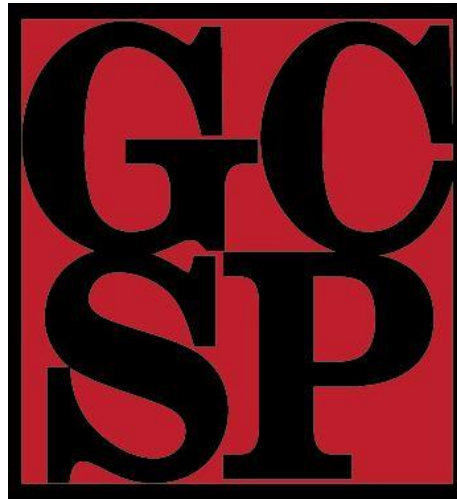


- Scientific understanding of climate processes and impacts
- Decision support through of targeted information
- Advance climate adaptation in the region
- Climate information networks

September 17-19, 2018 in Columbia, SC Carolinas Climate Resilience Conference



UNIVERSITY OF
SOUTH CAROLINA
The Graduate School



Graduate Civic Scholars Program

“Innovative professional development opportunity for master’s and doctoral students who are interested in community and public engagement and action-based research.”

Dissertation Research Ideas

- Identification of resource management needs*:
 - Environmental assessments
 - Evaluation of assessments by the stakeholders
 - Community engagement, stakeholder collaboration, and applied research?

YES! Report Card Process

* ENHS 775: Resource Management and Environmental Impact Assessment Lecture slides.

Ecosystem Health Report Cards



Integration & Application Network

Communicate better. Empower change.

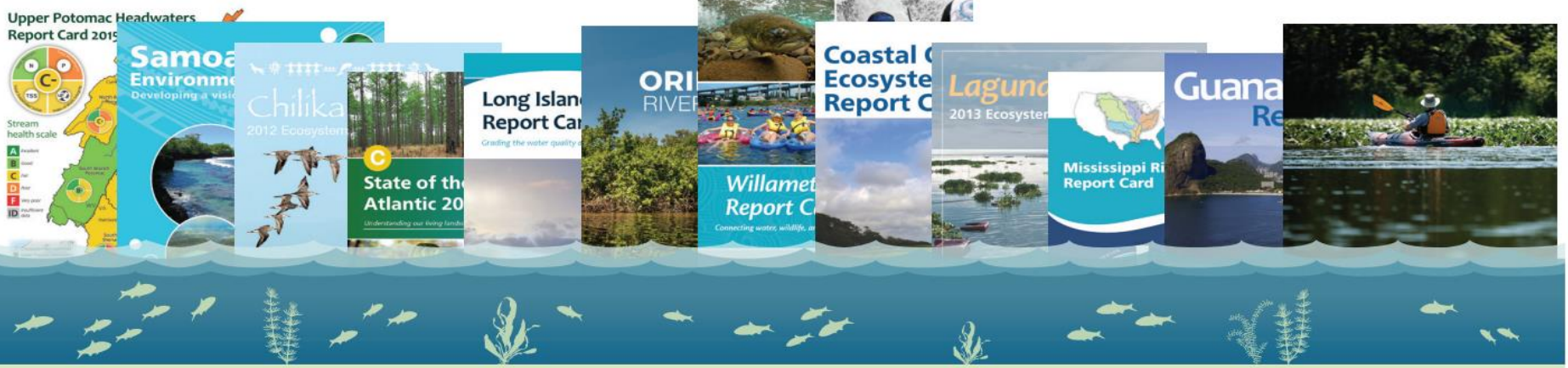


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Report Card

“assessment and communication products that compare **ecological, social, and/or economic** information against predefined goals or objectives” (Costanzo et al., 2017)



Methodology



Integration & Application Network
Communicate better. Empower change.



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Practitioner's Guide to Developing River Basin Report Cards



1 What is the big picture?



IDENTIFYING BASIN
VALUES AND THREATS

2 What do we measure?



CHOOSING INDICATORS

3 What is healthy?



DEFINING THRESHOLDS
FOR INDICATORS

4 How does it add up?



CALCULATING SCORES AND
DETERMINING GRADES

5 What is the story?



COMMUNICATING
RESULTS

Enabling Conditions

- 5 Step Process

- Transparency
- Holistic approach
- Transdisciplinary
- Stakeholder driven



Goals and Objectives:

Develop a shared understanding and vision about current conditions and future development

Next Steps

Issue of Scale: River Basin vs. Community

- Scoping
- Identify decision-makers
- Resources to conduct the project
- Develop project timeline

Important to think about **issues** and **data sources** before the 1st stakeholder engagement workshop.



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Questions or comments?

Thank you!