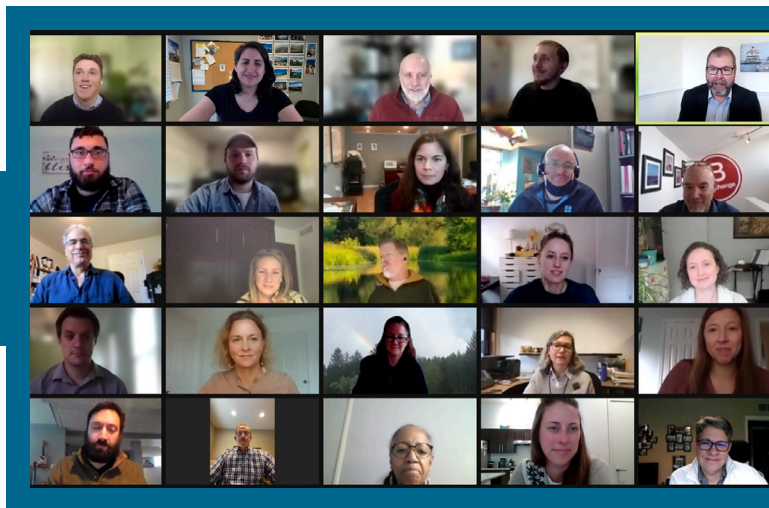


Integration and Application Network REPORT CARD 2021

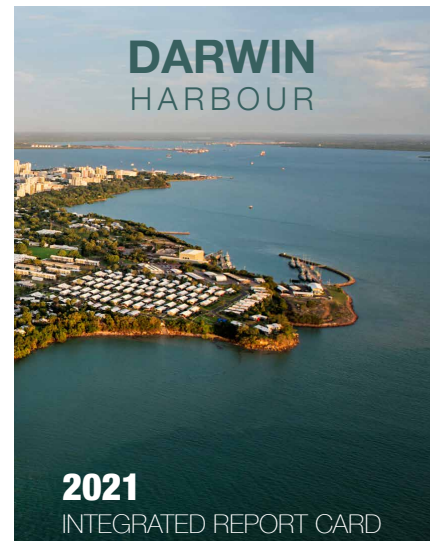


*An annual reflection on social impacts, ecological outcomes,
and partner engagement.*

Highlights from 2021

IAN and our Australian partners release the Darwin Harbour 2021 Integrated Report Card

This Darwin Harbour Integrated Report Card was developed through extensive consultation with stakeholders from the Darwin Harbour region and relied heavily on their knowledge and expertise. Stakeholders from government, Indigenous communities, industry, academia and non-government organizations gathered in and around Darwin Harbour; stakeholders conceptualized the harbour and its catchment, identified the environmental, social, Indigenous cultural and economic values of the region, and discussed indicators and thresholds that could be used to assess these values. Overall, Darwin Harbour and its catchment received a B- grade. In some instances, no data were available to confidently assess the health of certain values. Download the report card: <https://ian.umces.edu/publications/darwin-harbour-2021-integrated-report-card/card-2020/>.



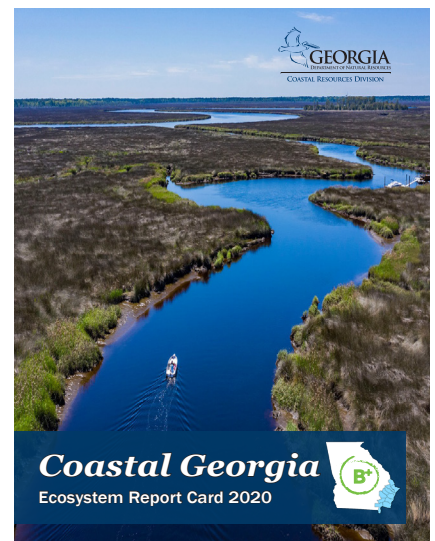
USGS strategy report for Chesapeake Bay outlines conservation and restoration goals

IAN has been working with the USGS for more than a decade on communicating various environmental issues; this partnership spans across projects from the Chesapeake Bay Report Card to a series of USGS Climate Change reports. Most recently, IAN has released a USGS report that lists four integrated science themes and explains the methods USGS is taking to approach various environmental and management topics in Chesapeake Bay. The USGS plans to continue providing stakeholders with a wide array of knowledge and new tools to understand the Bay, but also wants to engage with stakeholders to improve management decisions. Download the report: <https://ian.umces.edu/publications/usgs-chesapeake-science-strategy-2021-2025/>.



Coastal Georgia Ecosystem Report Card 2020 updates previous methods and indicators

Georgia DNR has been creating report cards since 2014, when IAN helped them develop their original product. They have continued to create report cards every year since. In 2021, Georgia DNR was ready to revamp their report card with new indicators and methods. The new indicators added were dissolved oxygen, spotted seatrout, and bald eagles. A trend analysis was also conducted, but there were no significant trends with the data currently available. Overall, Coastal Georgia received a score of 77%, a B+. Download the report card: <https://ian.umces.edu/publications/coastal-georgia-ecosystem-report-card-2020/>. Visit our partner's page: <https://coastalgadnr.org/ReportCard>.

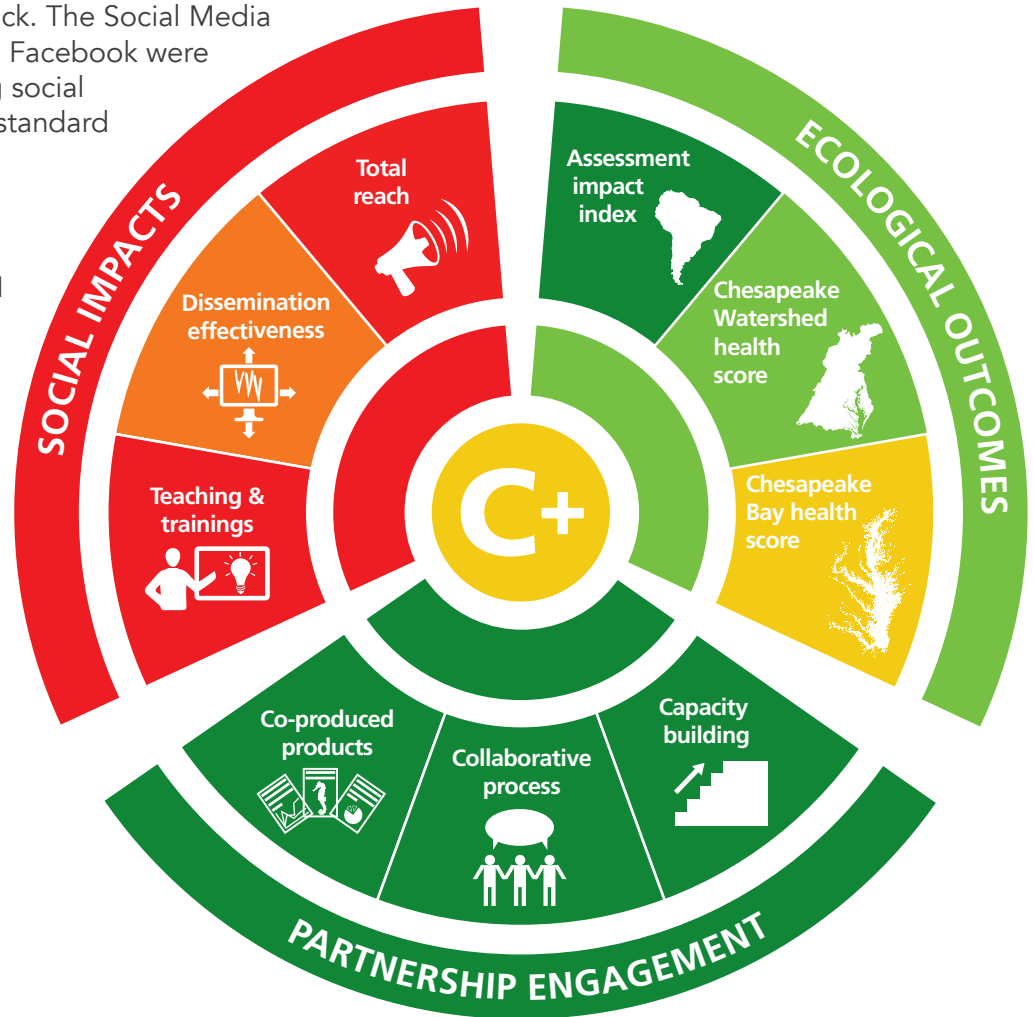


2021 Report Card results

Overall, the IAN Report Card scored a 79% (C+). This is a moderate grade that is almost in the good range. The score for Ecological Outcomes was an 85% (B), a good score. Partnership Engagement scored a 98%, a very good score. The Social Impacts category scored a 53% (F), a very poor score. The lowest scoring indicator was Total Reach, with a 43% (F) score. Three of the indicators had perfect (100%) scores: Collaborative process, Co-produced products, and Assessment impact index.

The 2021 report card is not comparable to previous years due to some changes in scoring methodology. The scoring for the Partner Engagement survey was modified to accurately score partner feedback. The Social Media Index thresholds for Twitter and Facebook were updated to score IAN's growing social media presence using industry standard thresholds.

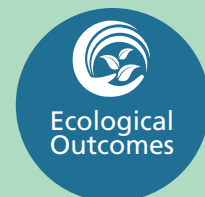
Some sub-indicators that are comparable to last year were: Video index, blogs, printed IAN materials, and project partners. In particular, the video index declined due to fewer media uploads. We also posted less blogs in 2021, did less trainings, and did not print as many products. Overall, Social Impacts were greatly lacking in 2021.



IAN scoring

- A** Very good (90-100%)
- B** Good (80-90%)
- C** Moderate (70-80%)
- D** Poor (60-70%)
- F** Very poor (<60%)

PARTNER ENGAGEMENT 98% **SOCIAL IMPACTS 53%** **ECOLOGICAL OUTCOMES 85%**



IAN Theory of Change. IAN's ultimate goal is to create positive environmental outcomes. In order to achieve these outcomes, we recognize that we need to have an impact on society, largely through effective engagement with key communities and organizations. To achieve this societal impact, we need to work with partners who can help spread our messages and provide resources and expertise.

IAN is improving science communication & I

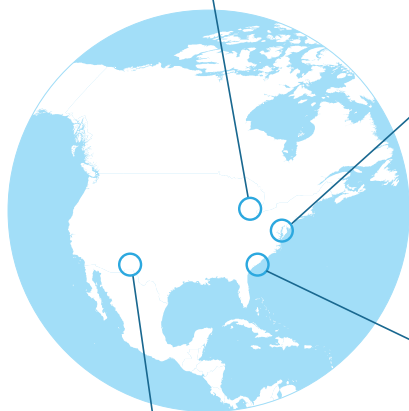
In 2021, IAN partnered with organizations throughout the world to develop science communication products, create ecosystem health report cards, and build capacity both through in-person and virtual teachings and trainings.



Report Cards for the Clinton, Detroit, Huron, River Raisin, and Rouge Rivers



Chesapeake Bay & Watershed Report Card 2020



Coastal Georgia Ecosystem Report Card 2020



Rio Grande Resilient Basin Report Card

2021

IAN by the numbers

61
people trained
in science
communication

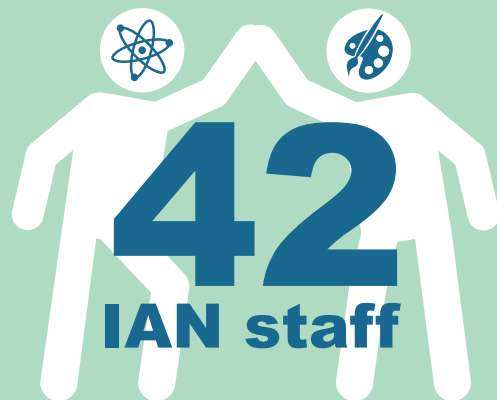


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free libraries



6 new
symbols
uploaded

42
IAN staff



making science accessible around the world



**Quando River Basin
Report Card**




**Darwin Harbour 2021
Integrated Report Card**

Expanding international partnerships

In 2021, IAN continues to work on the Coastal Ocean Assessment for Sustainability and Transformation (COAST) Card and the Pacific Ocean Pathways in Support of Sustainable Development (PACPATH) projects. IAN also worked with the Erasmus Mundas program as part of the Future Earth Coasts project.

312 
project partners

147 
partner organizations

 **4 out of 4**
partners reported
being very satisfied
or satisfied with
their IAN partnership

 **8** ecosystem
health
assessments
completed

 **2**
full semester
graduate level
courses

219,000,000
people reached by media from
Chesapeake Bay Watershed Report Card

 **29**
projects

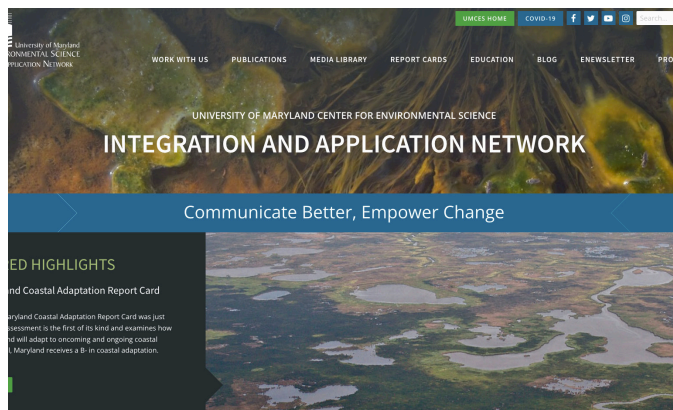
New IAN resources and trainings

Debut of new IAN website

We at IAN are happy with our new website:

ian.umces.edu

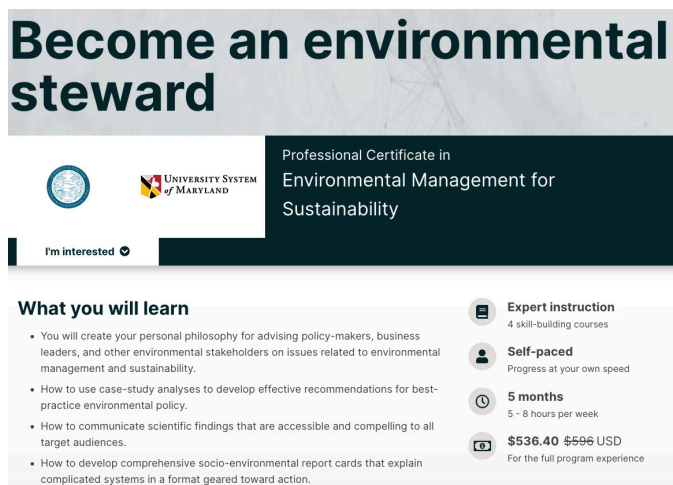
Using the new interface, you can search through our extensive symbol and image libraries, filter by criteria, and download single symbols/images or even our entire symbol library! Additionally, we have new pages and layouts for all our publications, projects, staff profiles, and much more. Come check out our new website to learn about IAN and the important work we do.



When you arrive at the website you can see all the recent projects IAN is working on.

edX Professional Development Certificate is now open

This four-course series on environmental management and science communication, hosted on the edX online platform, is designed to help people in the environmental field improve their communication and decision-making skills. Students have access to lectures, discussion activities, and various other ways of exploring different environmental management topics alongside a diversity of other classmates. Sign up for the program at: <https://www.edx.org/professional-certificate/usmx-environmental-management-for-sustainability>.



Join thousands of other students in exploring these courses and materials from IAN.

We would love to work with you!

Since 2002, IAN has been working to improve science communication around the globe. Over the years, IAN staff members have partnered with organizations to help scientists, managers, and non-profits on a variety of projects. Whether you're looking to train scientists to improve their science communication skills, complete an ecosystem health report card, build an app for your followers, or improve the readability of your publications, IAN can help. If you're ready to create an impactful document, analyze your data in new ways, or have a greater impact on management decisions in your region, contact IAN to discuss how we can work together to accomplish your goals.

Contact us today to get started. Email ian@umces.edu or visit ian.umces.edu



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