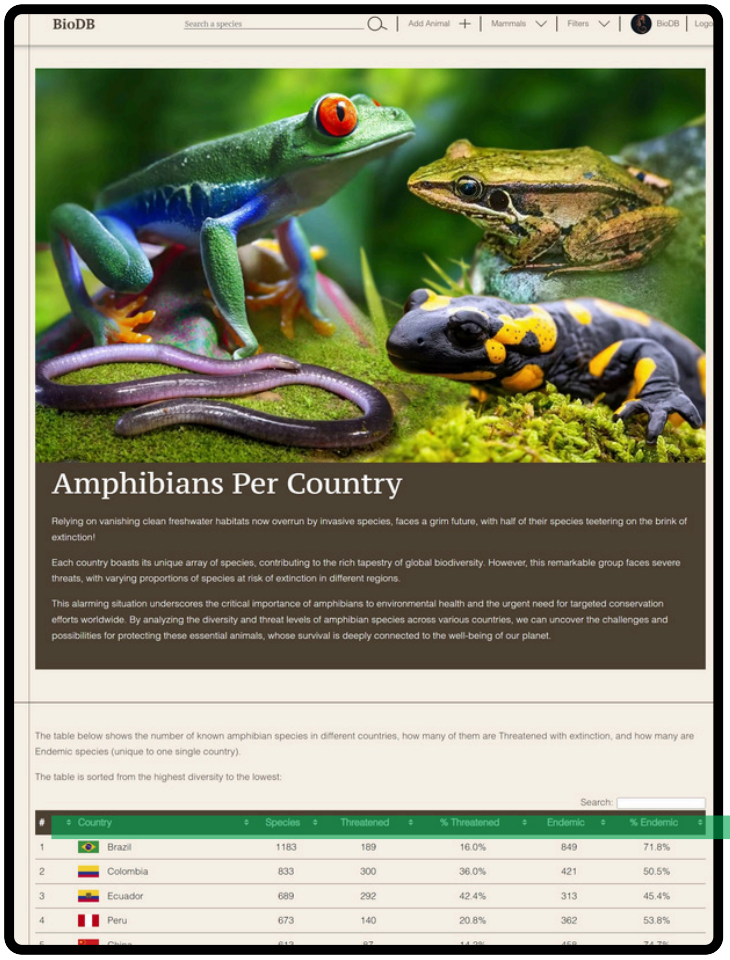
Nature Conservation Index (NCI) Media Press Kit

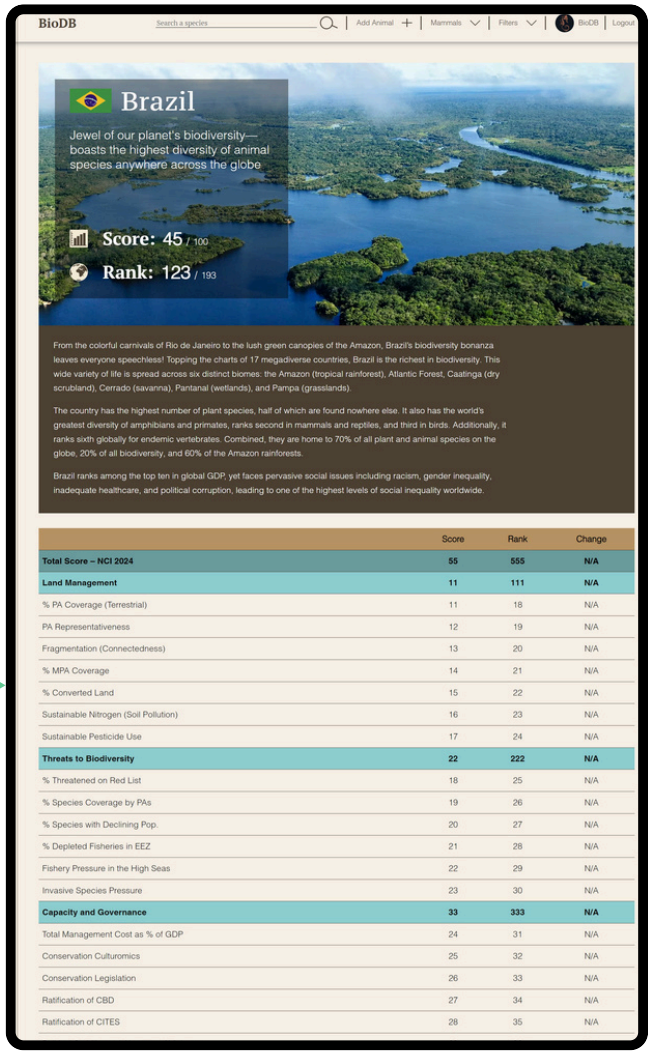


About Nature Conservation Index

The Nature Conservation Index (NCI) is a tool that shows how well countries are protecting their natural environments. Covering 194 countries, NCI looks at various factors like the number of plants and animals at risk, the size of protected areas, the health of habitats, and the effectiveness of conservation programs.

The NCI helps us to identify what's working and where improvements are needed. This helps inform better decisions for protecting our planet's biodiversity and natural resources.





Click the country on the table and you will be redirected to the specific country page.

The Four Pillars of NCI

The Nature Conservation Index uses four key pillars and a framework of 25 performance indicators to provide a detailed, quantitative analysis of biodiversity and sustainability.

To obtain nuanced insights into the state of biodiversity, we took into account these four pillars:



Land Management

This evaluation aims to assess countries' efforts in effectively managing and conserving their terrestrial and marine ecosystems. It consists of seven indicators such as % Protected Area (PA) coverage of terrestrial areas, Protected area representativeness , % Marine Protected Area (MPA) coverage of national waters and Exclusive Economic Zones (EEZs), fragmentation / connectedness, % converted land (urban, industrial, agricultural), and sustainable Nitrogen pesticide use.

The ultimate goal is to provide an assessment of how well countries are balancing development and conservation of their land and marine resources.



Threats to Biodiversity

This pillar uses six main indicators to measure how countries are working to protect wildlife and their habitats. These assess the proportion of species at risk, the extent of species protection by protected areas, the trends in declining species populations, and pressure from invasive species. They also consider the specific efforts being made to conserve different species and evaluate the condition of fish populations in the country's EEZs, as well as the impact of fisheries pressure on the High Seas.

Overall, a detailed overview of efforts to conserve species and manage biodiversity is represented.



Capacity & Governance

Does the country have the right tools, resources, and systems in place, i.e., the strength and effectiveness of a country's conservation management?

It includes indicators such as how much is spent on conservation relative to the country's GDP, the impact of conservation-related cultural values and laws, and whether the country has signed global environmental agreements like CBD and CITES. Political stability and the effectiveness of the government are also important for implementing and enforcing conservation policies. Low levels of corruption are necessary for proper fund utilization. Government effectiveness, democracy, population growth, and human development are also considered.



Future Trends

This pillar focuses on predicting and preparing for future conservation challenges.

It includes Yale's Environmental Performance Index (EPI), which helps project how well countries are expected to manage their environmental responsibilities in the future. This factor allows countries to stay on track with their conservation and sustainability goals and helps them predict and plan for upcoming difficulties.

Who Are We?



Assaf Levy

BioDB.com Founder & CEO

“Severely overlooked by mass media and widely ignored on social media, I wondered how I could grab attention: how can I make the urgent issues of biodiversity loss, animal extinction, and climate change touch and reach the general public and policymakers? The key, I realized, is to simplify the hard scientific data into digestible, bite-sized pieces.

'You can't manage what you can't measure,' the saying goes. With that in mind, we created the Nature Conservation Index (NCI). It's a straightforward tool designed to show how well countries handle conservation challenges. A small tool with a grand vision!"



Goldman Sonnenfeldt School of Sustainability and Climate Change, Ben Gurion University of the Negev

Professor AAA, BBB

Goldman Sonnenfeldt School of Sustainability and Climate Change

"What if players played a game without knowing the rules or having any idea of the scores? Whether it’s a race, a game, or an exam, rules, scores, and grades are essential to help participants understand their performance, set goals, and measure their success or areas for improvement.

Similarly, the NCI was created to provide a standardized, global assessment of conservation efforts, provide actionable insights to improve global conservation strategies and support informed decision-making to enhance global biodiversity protection and sustainable development."



School of Zoology, The George S. Wise Faculty of Life Sciences, Tel Aviv University

Professor AAA, BBB

School of Zoology, The George S. Wise Faculty of Life Sciences, Tel Aviv University

"194 countries, 4 main pillars (core areas), and 25 performance indicators, building the NCI was like assembling a giant puzzle - every piece had to fit perfectly to show the big picture of global conservation.

We focused on four essential areas: Land Management, Species-Based Conservation, Capacity and Governance, and Future Trends. Each of these pillars is supported by key indicators covering various conservation aspects. This way, we present a complete, easy-to-understand, clear, and all-around view of how well countries perform in the conservation sector."

Frequently Asked Questions

FAQ

1. What is the Nature Conservation Index (NCI)?

The Nature Conservation Index (NCI) is a tool that shows how well countries are protecting their natural environments. Covering 194 countries, NCI looks at various factors like the number of plants and animals at risk, the size of protected areas, the health of habitats, and the effectiveness of conservation programs.

The NCI helps us to identify what's working and where improvements are needed. This helps inform better decisions for protecting our planet's biodiversity and natural resources.

2. How is the NCI calculated?

To create the NCI, we gathered data from trusted sources like the IUCN and the World Bank. We used this data to measure and analyze key areas such as land management, species protection, governance, and future trends mapped into 25 parameters:

Land Management

- Coverage of protected areas (terrestrial and marine)
- Representativeness of protected areas
- Connectedness of landscapes (fragmentation)
- Extent of converted land (urban, industrial, agricultural)
- Sustainable practices in nitrogen and pesticide use

Threats to Biodiversity

- Proportion of species threatened as per the Red List
- Coverage of species by protected areas
- Species with declining populations
- State of fisheries within exclusive economic zones (EEZ) and high seas (international waters)
- Pressures from invasive species

Capacity and Governance

- Total management cost as a percentage of GDP
- Engagement with conservation issues (culturomics)
- Strength of conservation legislation
- Ratification and implementation of global agreements like the CBD and CITES
- Indicators of political stability, corruption control, government effectiveness, and democracy levels

Future Trends

- Forecasts based on environmental and conservation indices like Yale's Environmental Performance Index (EFI)

Frequently Asked Questions

FAQ

3. What can the NCI be used for?

Here are some of the primary uses of the NCI:

- **Policy Development and Evaluation**: Governments can use the NCI to design new environmental policies and assess the effectiveness of existing ones. The data-driven approach helps understand which strategies are working and which need to be rethought or improved.
- **Resource Allocation:** The NCI can guide the allocation of funding and resources to conservation projects. Regions or aspects of conservation that score lower on the index might receive prioritized attention and resources to boost their conservation efforts.
- **Environmental Education and Awareness:** Educators and non-governmental organizations (NGOs) can use the NCI to raise public awareness about the environment's state and the effectiveness of conservation efforts. It provides a factual basis for educational programs and campaigns.
- **International Cooperation:** The NCI's global scope facilitates international collaboration by providing a common framework for evaluating conservation efforts. Countries can compare their progress, share successful strategies, and coordinate international conservation initiatives.
- **Research and Development:** Researchers and academics can utilize the NCI for biodiversity, conservation, and sustainability studies. The comprehensive data it provides can support a wide range of research projects.
- **Benchmarking and Reporting:** The NCI allows countries to benchmark their progress against global standards and other nations. This benchmarking can be crucial for internal assessments and reporting to international bodies.
- **Promoting Transparency and Accountability:** By providing clear metrics on conservation outcomes, the NCI promotes transparency in implementing environmental policies and holds governments and organizations accountable for their conservation commitments.
- **Enhancing Public Engagement:** By making conservation data accessible and understandable, the NCI can empower citizens and local communities to engage more actively in conservation efforts and policy advocacy.

4. Can the public contribute to the NCI?

Yes. The public can contribute data to the Nature Conservation Index (NCI). We welcome revisions and suggestions, provided that the data submitted includes proper citations and sources. This approach allows for a more comprehensive and diverse data set, enhancing the index's accuracy and relevance.

Frequently Asked Questions

FAQ

5. How often is the Index updated?

Annually. This schedule allows for incorporating the latest data across the various metrics it covers, such as biodiversity levels, land management practices, and policy changes, while giving time for thorough analysis and review.

Regular updates are crucial to ensure that the index remains relevant and accurately reflects current conditions and the effectiveness of conservation efforts. This also helps policymakers, researchers, and the public to stay informed about trends and progress in nature conservation.

6. How can I get involved in supporting the goals of the NCI?

Here are some ways you can get involved:

- **Educate Yourself and Others:** Learn about the issues addressed by the NCI and share your knowledge with others. Awareness is a crucial first step in conservation efforts, and informed citizens can significantly impact.
- Participate in Local Conservation Projects: Get involved with local NGOs or community groups focusing on conservation efforts. By participating in tree planting events, wildlife monitoring, or community clean-ups, you can directly contribute to the goals of the NCI and make a positive impact on your community.
- **Advocate for Policies:** Support and advocate for policies that align with the NCI's conservation goals. This could involve writing to your local representatives, participating in public consultations on environmental issues, or supporting environmental organizations in their advocacy efforts.
- **Support Environmental Education:** Promote and support environmental education in schools and communities to help foster a new generation of conservation-minded individuals. Education is critical to long-term changes in attitudes and behaviors towards biodiversity and conservation.
- **Donate or Fundraise:** Financial support is crucial for many conservation projects. Donating to or fundraising for organizations that contribute to the NCI can help expand their reach and impact.
- **Corporate Responsibility:** If you are part of a business, you can advocate for sustainable practices that reduce environmental impact and support biodiversity conservation. This could also involve corporate partnerships with conservation projects or incorporating sustainability goals that align with the NCI's objectives.
- **Volunteer:** Many conservation organizations need volunteers for various tasks, from fieldwork to data analysis. Volunteering your time and skills can make a direct impact on conservation efforts.
- **Stay Informed!** Keep up to date with updates from the NCI and related conservation efforts. Understanding the dynamic nature of conservation challenges and successes will help you remain an effective advocate and participant.

Why Partner With Us?

In today's rapidly changing world, biodiversity conservation is paramount to ensuring the health and sustainability of our planet. Partnering with the Nature Conservation Index (NCI) aligns your efforts with a pivotal force in global conservation, driving impactful change through data-driven insights and collaborative action.



Become a Leader in Evidence-Based Conservation

Align with a pioneering initiative that sets the standard in ecological data analysis. By partnering with the NCI, you position yourself at the forefront of innovative, evidence-based conservation strategies, showcasing your commitment to informed and effective environmental stewardship.



Reach a Dedicated Audience

Amplify your conservation efforts by connecting with a network of researchers, policymakers, and environmentally conscious individuals. The NCI's extensive reach ensures your message resonates with those passionate about protecting our planet, enhancing your influence and engagement.



Support a Vital Cause

Contribute to a mission that raises awareness and inspires action towards achieving global conservation goals. By supporting the NCI, you play a crucial role in driving the collective effort to preserve biodiversity, promoting sustainable practices, and fostering a healthier future for all.

Contact Details

For media inquiries, partnerships, or more information about our work, you can easily reach us using the following contact details.

Website
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Email Address
nci@biodb.com

Social Media
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facebook.com/biodb
TikTok:
tiktok.com/@animal.of.the.day2