



Rankings for Scientist

More Than a Ranking

Honduras's Universities and Research Institutions:

**Comprehensive Analysis of 18 Universities and
Institutions and 523 Scientists**

AD Scientific Index 2025



Honduras's Universities and Research Institutions: Comprehensive Analysis of 18 Universities and Institutions and 523 Scientists World Scientist and University Rankings 2025

(Total 2.625.137 scientist, 221 country, 24.551 university)

1. What is the AD Scientific Index (Alper-Doger Scientific Index)?

Developed in 2021 by **Prof. Dr. Murat Alper** and **Assoc. Prof. Dr. Cihan Döger**, the AD Scientific Index is an **independent and international ranking system** that provides a multidimensional evaluation of the academic performance of scientists and institutions. Key highlights include:

- **Original academic rankings, detailed analyses, and comparative results**
 - A resource guiding **policy development** to enhance scientific contributions and productivity
 - Analysis of 2.625.137 **scientists** and 24.551 **institutions** across **13 major academic fields** and **211 disciplines**, covering 221 **countries**
 - **Data sourced from Google Scholar** and subjected to rigorous multi-stage filtering processes
 - Evaluation based on **total and last six years' H-index, i10-index, and citation counts**. **Real-time updates ensure that rankings reflect current academic performance.**
-

2. Why is the AD Scientific Index (Alper-Doger Scientific Index) Needed?

□ Most **international university rankings** consider parameters like:

- **Research productivity, impact, excellence**
- **Educational quality**
- **Faculty quality**
- **Research output**
- **Per capita performance**

□ Many of these rely heavily on **publication and citation counts** as key indicators of academic performance. However, these methods:

- Vary in **data sources** (e.g., SCIE, SSCI, InCites)

- Differ in what types of publications they count (articles, notes, conference papers, etc.)
- May emphasize **high-impact journals** (e.g., *Nature*, *Science*, *PNAS*)
- Often use **H-index**, top 5% journals by impact factor, total citations, and other indicators
- Frequently face **redundancy** (measuring the same aspect multiple times), leading to “indicator alignment”
- Rarely exceed coverage of **1,500-3,000 institutions** or **70-100 countries** due to these limitations

□ How AD Scientific Index Addresses These Gaps

- Focuses on **both total and six-year productivity** (H-index, i10-index, citation data)
- Ranks **individual scientists** as well as **academic fields, institutions, and countries**
- **Broad coverage** spanning countries, regions, institutions, disciplines, languages, and publication types
- Ensures **equal opportunities** for comparison with a **fair and transparent** methodology
- **No reliance on non-public or invisible parameters** in ranking formulas.

3. What are the H-index and i10-index?

- **H-index:** Evaluates both productivity and citation impact. An H-index of h means the researcher has h papers each cited at least h times.
- **i10-index** (calculated by Google Scholar): Counts the number of publications with **at least 10 citations**.

These metrics:

- Offer insight into **consistent academic influence**
- **Higher values** indicate more sustained impact

4. The Importance of Last 6 Years Metrics

The AD Scientific Index places special emphasis on **Last 6 Years** metrics to reveal **recent academic performance**:

- **Total H-index, i10-index, citation count:** Show long-term academic impact
- **Last 6 Years H-index, i10-index, citations:** Highlight **current contributions** and **relevance** in evolving fields
- Focuses on **impact continuation** over the last six years, not just publication dates
- Ensures **up-to-date perspective** in identifying leading contributors and institutions

5. How Is the “AD Scientific Index” Different from Other

Rankings?

□ Multi-Dimensional Analysis

- **Comprehensive Metrics:** Integrates total and last-six-year H-index, i10-index, and citation counts to provide a **broad** and **balanced** picture of academic impact.
- **Layered Comparisons:** Enables evaluations at **global, continental, national, and city** levels, as well as **public** and **private** institutions, revealing both **long-term influence** and **current momentum**.

□ Focus on Individual Scientists

- **Foundation of Institutional Success:** Genuine **breakthroughs** and **reputation** stem from individual scientists.
- **Beyond Broad Factors:** While other rankings often focus on “international reputation” or “teaching quality,” the AD Scientific Index homes in on **concrete achievements**, emphasizing the **true** drivers of institutional excellence.

□ Accessible and Inclusive Data

- **Extensive Coverage:** Utilizes **publicly available** Google Scholar data, carefully screened, to assess researchers across every field, country, and type of institution.

□ Equal Opportunity

- **Fair Recognition:** Offers **equitable** acknowledgment to all scientists and institutions, **regardless of geographical or institutional background**.
- **Seamless Participation:** The system is **easy to join** on both individual and institutional levels, making academic performance **visible at every tier, in near real time**.

□ Democratic and Universal Approach

- **Global Level Playing Field:** Reflects how individual accomplishments shape the overall performance of institutions **worldwide**.
- **Commitment to Transparency:** Employs **impartial, reproducible** methods, ensuring **equal** conditions for prominent research universities and smaller colleges alike.

□ Identifying Misconduct

- **Guardian of Integrity:** Acts as an **early warning system** against plagiarism, unethical authorship (e.g., gift authorship), or excessive publication practices.
 - **Institutional and Individual Accountability:** Ensures that **authentic academic contributions** remain in the spotlight by uncovering ethical violations, safeguarding the **credibility** of researchers and institutions.
-

6. Unique Features of the “AD Scientific Index”

□ Academic and Economic Independence

- Operates entirely free from external influences, ensuring that evaluations focus **exclusively** on academic merit.
- Maintains **objective** and **transparent** standards without commercial or political pressure.

□ Transparent and Rigorous Methodology

- Relies on **open-source**, verifiable data combined with **clearly defined** algorithms and weighting.
- Corrects errors within **one week** and strictly **upholds impartiality** to preserve credibility and accuracy.

□ Comprehensive Evaluation

- Provides **both total and last-six-year metrics** (H-index, i10-index, citations) for universities, institutions, hospitals, and companies.
- Allows stakeholders to assess **long-term trends** alongside **recent performance** at a glance.

□ Institutional Progress Analysis

- Monitors and analyzes **institutional development** over the last six years, highlighting growth trajectories and performance shifts.

□ Public vs. Private Comparison

- Offers **direct comparisons** among public universities, as well as with private universities, companies, hospitals, and research institutes.
- Illuminates **sector-wide benchmarks** for a broader context of academic achievement.

□ Scientific Ranking Distribution

- Examines **academic staff rankings** within each institution, showing percentile-based standings to pinpoint **individual and collective strengths**.

□ Individual Status Tracking

- Presents **detailed** profiles for researchers (H-index, i10-index, citations), delivering clear insights into each scholar’s **impact and influence**.

□ Global and Regional Rankings

- Encompasses **2.625.137 individuals** from 24.551 **institutions** across 221 **countries** and **10 regions**, covering a wide array of disciplines.
- Enables **branch-** and **sub-discipline-specific** evaluations for targeted insights. **individuals** from **institutions**,

□ Top List Reports

- Generates **country-level, regional, and global** top lists, serving as valuable resources for benchmarking and recognition.

□ Constantly Updated Rankings

- Ensures **continuous** data refresh, with citation metrics updated **every 10-15 days** and rankings recalculated **every two days**.
- Offers users an **up-to-date** view of academic performance.

□ Valuing Feedback and Contributions

- Incorporates community input to **refine** the methodology and maintain **data accuracy**.
- Facilitates a **collaborative** approach that keeps rankings current and reliable.

□ Increased Visibility & Early Detection of Ethical Violations

- Sheds light on unethical practices (e.g., gift authorship, citation cartels, fake paper factories), promoting **academic integrity** through transparency.
- Helps **identify** and **address** potential misconduct **promptly**.

□ Art and Humanities Rankings & Social Sciences and Humanities Rankings

- Provides **dedicated rankings** that accurately represent these fields, leveraging Google Scholar's **broad coverage**.
- Ensures these disciplines receive **fair, detailed** visibility alongside STEM areas.

7. Comprehensive and Inclusive Data Source Strategy

Most ranking organizations use **Scopus, Web of Science, Google Scholar**, or **Nature Index**. Each has strengths and limitations.

□ Our Approach:

- **Global, practical, inclusive** methodology
- **Robust auditing** to mitigate data source limitations
- **Continuous data cleansing** (nearly 1 million profiles reviewed; many deleted)
- Ongoing **quality improvements** ensure increasingly accurate, real-time rankings.

8. How Frequently Are AD Scientific Index Rankings Updated?

- **New entries, deletions, corrections** typically visible within **1-3 days**
- H-index, i10-index, and citation numbers are **updated every 15 days**, while the **ranking is refreshed every 2 days**.

- Data primarily from **Google Scholar** with a focus on **standardizing names, institutions, and data**
 - **User contributions** to enhance data accuracy are always welcome
-

9. How Can I Be Included in the List?

- Currently includes **2.625.137 scientists** from 24.551 **institutions** across 221 **countries**
 - **New additions** are limited to **individual** and **institutional registrations** via the "Register" link on the website
 - **No automatic inclusion** of every profile to maintain **accuracy** and **data integrity**
-

10. Who Can Be Included in the List and Reasons for Exclusion

- **2.625.137 scientists** included, but some are **not** listed due to:
- **Technical and resource limitations:** Because a very broad sample group has formed, our priority is to maintain the highest level of data accuracy and cleanliness. Therefore, we do not aim for unlimited expansion of the database, meaning we do not add every publicly accessible profile to the system.
- **No public Google Scholar profile**
- **Personal preference** or **request to be removed**
- **Incomplete or inaccurate** profile information
- When a profile is no longer publicly visible, the individual's scores (e.g., h-index, i10 index, citation counts) are displayed as **zero** until the profile is made public again.
- **Ethical concerns:** Cases such as presenting others' publications as one's own, including misleading or fabricated academic outputs, having retracted papers in the profile, etc., and related complaints are evaluated. If such violations are detected, the respective profiles are **immediately removed** from the list.

Institutions and **countries** are encouraged to **verify profiles** for **accuracy** and **integrity**. Profiles violating ethical standards may be removed **without refund** (even for paid registrations).

11. Is Registration Required to View Your Ranking?

- **Not required** to see your ranking in the AD Scientific Index. You can estimate your approximate ranking by looking at the rankings of individuals with similar scores. **Required** if you wish to be included **with all detailed elements** in the ranking
-

12. How AD Scientific Index Ranks Scientists and Institutions?

□ Key Indicators

1. **Total H-index scores**
2. **Last 6 years' H-index scores**
3. **Total i10 index scores**
4. **Last 6 years' i10 index scores**
5. **Total number of citations**
6. **Number of citations in the last 6 years**

Ranking Criteria - Overview

Scientist and institution rankings in the AD Scientific Index are calculated based on multiple bibliometric indicators, with **Total H-index** serving as the primary ranking metric in most categories. General, Country, Regional, University, Branch, and Sub-Branch Rankings.

□ **Total H-index Rankings**

Used in: Measures cumulative scientific impact and productivity.

Ranking order:

1. Total H-index
2. Last 6 Years' H-index
3. Total i10 Index
4. Total Citations

□ **Last 6 Years' H-index Rankings**

Measures short-to-mid-term academic performance and sustained impact.

Ranking order:

1. Last 6 Years' H-index
2. Last 6 Years' i10 Index
3. Total H-index
4. Citations in the Last 6 Years

□ **Total i10 Index Rankings**

Measures: Reflects the consistency of influential scholarly output.

Ranking order:

1. Total i10 Index
2. Last 6 Years' i10 Index
3. Total H-index
4. Total Citation Counts

□ **Last 6 Years' i10 Index Rankings**

Measures recent sustained academic productivity and recognition.

Ranking order:

1. Last 6 Years' i10 Index
2. Last 6 Years' H-index
3. Total i10 Index
4. Citations in the Last 6 Years

□ **Total Citations Rankings**

Captures total scientific reach and academic recognition.

Ranking order:

1. Total Citation Counts
2. Citations in the Last 6 Years
3. Total i10 Index
4. Last 6 Years' i10 Index

□ **Citations in the Last 6 Years Rankings**

Indicates present-day influence and citation activity.

Ranking order:

1. Citations in the Last 6 Years
2. Total Citation Counts
3. Last 6 Years' i10 Index
4. Total i10 Index

Institutions are also ranked by these criteria at **national, regional, and global** levels.

▣ Studies Influencing Ranking Due to High Citation Numbers

- For unusually high citations (e.g., **CERN, ATLAS, ALICE, CMS**), authors are marked with an **asterisk “i”** to indicate this distinction.
 - An **alternative list** excludes these studies to ensure balanced rankings.
-

13. Why Are Last 6 Years' Ratios Important?

- Reflect **recent productivity and influence**
 - Indicate **impact** of **individual performance** and **institutional policies**
 - Provide a **clear view** of modern academic contributions
-

14. Subject Rankings: Which Subjects are Ranked in the AD Scientific Index?

The Index covers **211 sub-disciplines** across various major fields:

- **Agriculture & Forestry:** 15 subfields
- **Architecture & Design:** 4 subfields
- **Business & Management:** 8 subfields
- **Economics & Econometrics:** 6 subfields
- **Education:** 11 subfields
- **Engineering & Technology:** 26 subfields
- **History, Philosophy, Theology:** 3 subfields
- **Law / Legal Studies:** 12 subfields
- **Medical and Health Sciences:** 80 subfields
- **Natural Sciences:** 6 subfields
- **Social Sciences:** 22 subfields
- **Social Sciences and Humanities:** 50 subfields

- **Art and Humanities:** 6 subfields

This **meticulous categorization** aligns with **university departments**, enabling **precise** analysis of academic impact.

15. How Universities Are Ranked in the AD Scientific Index?

- Rankings are based on the **distribution** of scientists within **top percentile ranges** (top % 10, %20, %40, %60, % 80, 90% percentiles and total scientists).
- If two institutions have the **same number** of scientists in a range, the **next percentile range** is considered.
- If a tie persists, the institution with the **higher total number of individual scientists** ranks higher.
- Covers 24.551 **institutions** across:
 - **Total H-index**
 - **Last 6 Years H-index**
 - **Total i10 index**
 - **Last 6 Years i10 index**
 - **Total citations**
 - **Last 6 Years citations**

This approach helps institutions **assess strengths**, **identify areas for improvement**, and supports **cross-border transfer** or **graduation equivalency** evaluations.

16. Young University/Institution Rankings

- Focuses on institutions **established within the last 30 years**. The ranking is formed **by applying the university ranking only among institutions established within the last 30 years**. Demonstrates **global standing** of these “young” entities. Identifies **strengths and weaknesses** to shape future policies
-

17. Social Sciences and Humanities Rankings - The AD Scientific Index Advantage

- ✓ **Exclusive Ranking for Social Sciences & Humanities** – Covers fields such as **Business & Management, Economics & Econometrics, Education, History, Philosophy, Theology, Law, and Social Sciences**.
- ✓ **No Overshadowing by STEM Fields** – **Medicine, Engineering, and Natural Sciences are excluded**, ensuring that institutions and scholars in Social Sciences & Humanities receive a **fair and unbiased evaluation**.

✓ **A Balanced and Unique Ranking Approach** – Unlike traditional rankings dominated by STEM disciplines, this ranking **highlights the real academic impact of Social Sciences & Humanities**, ensuring that institutions and researchers in these fields get the visibility they deserve.

✓ **Comprehensive Performance Metrics** – Rankings are conducted at **both institutional and individual levels**, based on **H-index, i10-index, and citation data**, providing a **data-driven and objective assessment of academic excellence**.

✓ **The AD Scientific Index Advantage: With real-time data updates, a transparent methodology, and a strong focus on academic impact**, this ranking ensures that **achievements in Social Sciences & Humanities are properly recognized!**

18. Art and Humanities Rankings

- Specialized ranking for **History, Philosophy, Theology, Linguistics and Literature, Archaeology, and Arts**
 - Ensures **achievements in arts and humanities** are recognized
 - Provides **balanced evaluation** free from STEM dominance
 - Explorable at **institutional** and **individual** levels (H-index, i10 index, citations)
-

19. Pricing Policy

□ Free Services

- **No charge** for accessing individual and institutional rankings via the **main category pages**
- **Most comprehensive academic data** (for individuals and institutions) is **freely accessible** on AD Scientific Index

□ Premium Services

- **One-time fee** (covering three years) for:
 - More **comprehensive analyses**
 - Ability to **input and modify** data on Scientist and Institution pages
 - **Full control** over your academic profile
- **Differentiated pricing** based on **income levels** of countries
- **Strict deletion policy** for unethical or misleading profiles applies to **all** users (including paid)

We remain **academically and economically independent**, offering unbiased services to the academic community.

20. Privacy - Data Policy

- We respect **personal rights** and **data deletion requests**.
- **Click here** for more information on our privacy and data policies.

21. Contact

22. FAQ Frequently Asked Questions and Answer

Table I. Scientists in Honduras: Ranking and Analysis

#	Country	Country Region Rank	Country World Rank	Total Institutions	Total Scientist
1	Honduras	16	121	16	523

Table II. All Types of Institutions in Honduras: Ranking and Analysis

#	Institution	Country Rank	Region Rank	World Rank	Country	Type of Institution	Founded	Scientists in World Top 3%	Scientists in World Top 10%	Scientists in World Top 20%	Scientists in World Top 30%
1	Escuela Agrícola Panamericana Zamorano	1	419	5981	Honduras	Private	1942	1	2	4	5
2	Universidad Nacional Autónoma de Honduras	2	516	7232	Honduras	Public	1847	0	1	3	6
3	Universidad Tecnológica Centroamericana	3	698	9725	Honduras	Private	1986	0	0	3	6
4	Universidad Nacional de Agricultura	4	1202	15637	Honduras	Public	1950	0	0	0	1
5	Universidad Católica de Honduras	5	1231	15902	Honduras	Private	1993	0	0	0	1
6	Centro Universitario Tecnológico (CEUTEC)	6	1339	17065	Honduras	Private	1987	0	0	0	1
7	EGLA Corp.	7	1542	18854	Honduras	Company	2010	0	0	0	0
8	Universidad Pedagógica Nacional Francisco Morazán	8	1580	19454	Honduras	Public	1956	0	0	0	0
9	Instituto Hondureño de Seguridad Social	9	1710	20817	Honduras	Institution	2001	0	0	0	0
10	Universidad Jose Cecilio del Valle	10	1828	21848	Honduras	Private	1978	0	0	0	0
11	Universidad Tecnológica de Honduras	11	1873	22334	Honduras	Public	1986	0	0	0	0
12	Universidad de San Pedro Sula	12	1999	23423	Honduras	Public	1978	0	0	0	0
13	Universidad Politecnica de Honduras	13	2049	23739	Honduras	Private	2005	0	0	0	0
14	Instituto Superior Tecnológico Jesús de Nazareth	14	2121	24158	Honduras	Private	2004	0	0	0	0
15	Universidad Metropolitana de Honduras	15	2125	24173	Honduras	Private	2002	0	0	0	0

Table III. Universities in Honduras: Comprehensive Ranking and Analysis

#	University	Country Rank	Region Rank	World Rank	Country	Type of Institution	Founded	Scientists in World Top 3%	Scientists in World Top 10%	Scientists in World Top 20%	Scientists in World Top 30%
1	Escuela Agrícola Panamericana Zamorano	1	345	4014	Honduras	Private	1942	1	2	4	5
2	Universidad Nacional Autónoma de Honduras	2	432	4913	Honduras	Public	1847	0	1	3	6
3	Universidad Tecnológica Centroamericana	3	588	6686	Honduras	Private	1986	0	0	3	6
4	Universidad Nacional de Agricultura	4	1016	11418	Honduras	Public	1950	0	0	0	1
5	Universidad Católica de Honduras	5	1041	11644	Honduras	Private	1993	0	0	0	1
6	Centro Universitario Tecnológico (CEUTEC)	6	1135	12622	Honduras	Private	1987	0	0	0	1
7	Universidad Pedagógica Nacional Francisco Morazán	7	1338	14433	Honduras	Public	1956	0	0	0	0
8	Universidad Jose Cecilio del Valle	8	1569	16397	Honduras	Private	1978	0	0	0	0
9	Universidad Tecnológica de Honduras	9	1612	16828	Honduras	Public	1986	0	0	0	0
10	Universidad de San Pedro Sula	10	1722	17706	Honduras	Public	1978	0	0	0	0
11	Universidad Politecnica de Honduras	11	1768	17966	Honduras	Private	2005	0	0	0	0
12	Instituto Superior Tecnológico Jesús de Nazareth	12	1832	18298	Honduras	Private	2004	0	0	0	0
13	Universidad Metropolitana de Honduras	13	1836	18305	Honduras	Private	2002	0	0	0	0

Table IV. Public Universities in Honduras: Ranking and Analysis

#	University	Country Rank	Region Rank	World Rank	Country	Founded	Scientists in World Top 3%	Scientists in World Top 10%	Scientists in World Top 20%	Scientists in World Top 30%
1	Universidad Nacional Autónoma de Honduras	1	284	3586	Honduras	1847	0	1	3	6
2	Universidad Nacional de Agricultura	2	588	6878	Honduras	1950	0	0	0	1
3	Universidad Pedagógica Nacional Francisco Morazán	3	740	8256	Honduras	1956	0	0	0	0
4	Universidad Tecnológica de Honduras	4	896	9385	Honduras	1986	0	0	0	0
5	Universidad de San Pedro Sula	5	949	9814	Honduras	1978	0	0	0	0

Table V. Private Universities in Honduras: Ranking and Analysis

#	University	Country Rank	Region Rank	World Rank	Country	Founded	Scientists in World Top 3%	Scientists in World Top 10%	Scientists in World Top 20%	Scientists in World Top 30%
1	Escuela Agrícola Panamericana Zamorano	1	114	971	Honduras	1942	1	2	4	5
2	Universidad Tecnológica Centroamericana	2	232	2185	Honduras	1986	0	0	3	6
3	Universidad Católica de Honduras	3	445	4656	Honduras	1993	0	0	0	1
4	Centro Universitario Tecnológico (CEUTEC)	4	486	5173	Honduras	1987	0	0	0	1
5	Universidad Jose Cecilio del Valle	5	705	7206	Honduras	1978	0	0	0	0
6	Universidad Politecnica de Honduras	6	798	8021	Honduras	2005	0	0	0	0
7	Instituto Superior Tecnológico Jesús de Nazareth	7	839	8176	Honduras	2004	0	0	0	0
8	Universidad Metropolitana de Honduras	8	841	8178	Honduras	2002	0	0	0	0

Table VI. Young Universities in Honduras: Ranking and Analysis

#	University	Country Rank	Region Rank	World Rank	Country	Founded	Scientists in World Top 3%	Scientists in World Top 10%	Scientists in World Top 20%	Scientists in World Top 30%
1	Universidad Politecnica de Honduras	11	1768	17966	Honduras	2005	0	0	0	0
2	Instituto Superior Tecnológico Jesús de Nazareth	12	1832	18298	Honduras	2004	0	0	0	0
3	Universidad Metropolitana de Honduras	13	1836	18305	Honduras	2002	0	0	0	0

Table VII. Institutions in Honduras: Ranking and Analysis

#	Institution	Country Rank	Region Rank	World Rank	Country	Founded	Scientists in World Top 3%	Scientists in World Top 10%	Scientists in World Top 20%	Scientists in World Top 30%
1	Instituto Hondureño de Seguridad Social	1	194	3157	Honduras	2001	0	0	0	0

Table VIII. Companies in Honduras: Ranking and Analysis

#	Company	Country Rank	Region Rank	World Rank	Country	Founded	Scientists in World Top 3%	Scientists in World Top 10%	Scientists in World Top 20%	Scientists in World Top 30%
1	EGLA Corp.	1	29	1494	Honduras	2010	0	0	0	0

Table IX. Hospitals in Honduras: Ranking and Analysis

#	Hospital	Country Rank	Region Rank	World Rank	Country	Founded	Scientists in World Top 3%	Scientists in World Top 10%	Scientists in World Top 20%	Scientists in World Top 30%
---	----------	--------------	-------------	------------	---------	---------	----------------------------	-----------------------------	-----------------------------	-----------------------------