



# Applied Science Commons





# Current, practical, high-impact knowledge that's not in journals and books

A bridge linking academic research and real-world impact



“Until now, there’s been no quality resource that indexes and captures fast moving, real-world research that’s not published in journals. We capture practical research from more than 10,000 organizations, including governments, agencies, hospitals, corporations, consultants, and research centers. We make current information available quickly, building a bridge between the real world and the academy.”

– Toby Green, Publisher

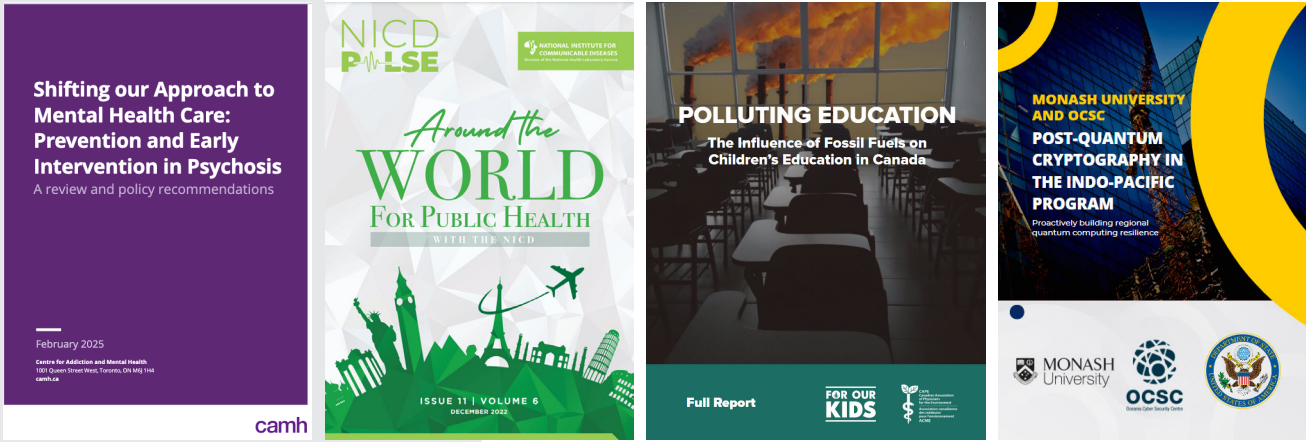


The number of times researchers cite nontraditional sources is surging.

Funders look increasingly for research with demonstrable impact and societal returns—so in order to reach broader audiences more quickly, research institutions are publishing their findings outside mainstream journals.\*

Websites, blogs, social media posts—these nontraditional sources have the most current reports, case studies, and technical documents. But this “fugitive material” is largely invisible through mainstream academic discovery services; it’s difficult to locate, cite, and preserve.

*Applied Science Commons* makes fugitive information just as easy to discover and cite as journal articles, and preserves it for the future.



*Applied Science Commons* indexes and preserves over 2 million items that are not published in traditional academic sources.

FIVE COLLECTIONS AVAILABLE NOW

- *Public Health and Social Care*
- *Applied Psychology*
- *Mental Health in VR and Video*
- *Computer Science, Data, and AI*
- *Applied Environmental Science*

More collections are on the way.

Discover What’s Missing from the Scholarly Record

Access real-world insights and recommendations—often long before they’re published in books or journals. The *Applied Science Commons* platform brings you millions of hard-to-find materials that rarely make it into traditional academic channels.

Sourced from Over 10,000 Global Organizations

Explore content from governments, hospitals, agencies, corporations, consultants, research centers, and more—all offering practical, actionable knowledge for teaching, learning, and research.

Built for Academic Use

Materials are carefully selected for relevance to instruction and scholarship. You’ll find:

- o Technical reports and case studies
- o Consultant and feasibility studies
- o Policy papers and white papers
- o Podcasts and blogs
- o VR and video
- o Government and industry publications
- o Community impact assessments

Seamless Integration

Every item includes Content Object Identifiers (COIs), MARC records, and rich metadata—making it easy to cite, track, and embed into academic workflows.

\*Sources:  
(Musser, 2007) <http://www.istl.org/07-winter/article3.html>  
(Curtis, 2011) <https://peer.asee.org/informing-collection-development-through-citation-examination-of-the-civil-engineering-research-literature>  
(Kamai et al 2021), <https://www.sciencedirect.com/science/article/abs/pii/S0950584921000860>  
(Uhlemann, 2021) [https://publishup.uni-potsdam.de/opus4-ubp/frontdoor/deliver/index/docId/6652/file/uhlemann\\_steffi\\_online\\_2013\\_11\\_13.pdf](https://publishup.uni-potsdam.de/opus4-ubp/frontdoor/deliver/index/docId/6652/file/uhlemann_steffi_online_2013_11_13.pdf)



Double winner at the Charleston 2024 Premiers Awards—celebrated for ground-breaking innovation and transformative impact.

# With *Applied Science Commons* you can...

1

### Expand your research coverage

Find current, hyperlocal, detailed research from corporations, agencies, cities, government agencies, experts, and consultants, that's absent from traditional academic databases.

2

### Discover your real-world impact

Our tools display where your organization is mentioned in fugitive literature. Find where you're delivering real-world impact around the world, including in the Global South. Impact studies and systematic reviews have found as much as 40 percent more content using the Coherent platform.

3

### Cite and reference with authority

Every item has a unique Content Object Identifier (COI) for easy and permanent citation. A simple, open, and free resolver at COILink.org allows anyone to see the bibliographic records associated with an item.

4

### Expand your research beyond English

Most databases search only in English. *Applied Science Commons* translates titles, summaries, and tables-of-contents into English, so they can be found easily.

5

### Uncover “lost” content

The database includes materials from defunct agencies, defunded projects, and inactive organizations. It preserves materials that have long since been removed from city and government websites.

7

### Save hours with a suite of search tools

With full-text searching, wildcard truncation, Boolean and proximity operators, and dozens of search filters, you'll quickly find exactly what you're looking for.

9

### Grow coverage

Suggest organizations you'd like us to cover. We'll check the sources and add them to the database.

6

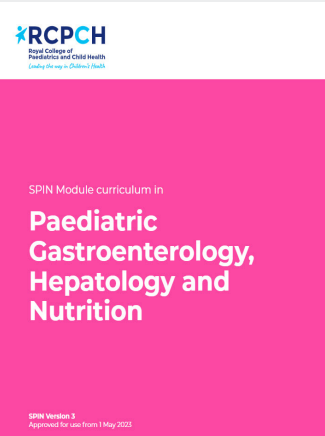
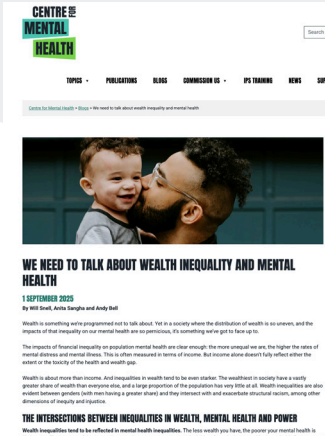
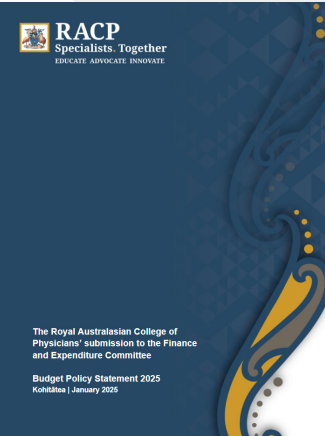
### Keep your research current

Access research long before it's covered in journals and books. Follow organizations, people, topics—even your own searches—and be the first to know about new reports relevant to your research. Currency is essential in many disciplines like AI and cybersecurity.

8

### Publish to our community

We invite our users to upload their own content if they own the copyright, or upload links to other digital resources if they do not. We'll enrich and index your uploaded item, give it a permanent Content Object Identifier, and publish it.





Materials from the front lines that you won't find in traditional health databases

1.8 MILLION+ PUBLICATIONS FROM 1995 TO TODAY

150,000+ ITEMS IN THE ARCHIVE

9,000+ ORGANIZATIONS AROUND THE GLOBE



Public Health and Social Care

gives researchers access to hard-to-find materials from frontline healthcare and social-care organizations, such as hospitals, cities, agencies, associations, charities, research foundations, and interest groups. It brings this wealth of information together, adds search tools and permanent identifiers, and preserves the material for future reference.

Organizations can trace their impact and see how often they're mentioned in the literature. Researchers can cite this fugitive material with the same ease

they can traditional publications. The database publishes the latest research, innovations, and best practices, including podcasts, blogs, newsletters, videos, technical reports, white papers and more. It captures Community Health Needs Assessments (CHNAs), Community Health Improvement Plans (CHIPs), and other primary sources. Access to these materials long before they make it into journals enables research of trends and

developments. These fugitive sources make literature searches and systematic reviews far more current and comprehensive than traditional databases. They also allow researchers to discover research from sources in the Global South and other sources, including studies with unpublished findings, enhancing the comprehensiveness and precision of systematic reviews and meta-analyses.

A range of institutions and sources

- Public health agencies
- Medical associations
- Medical foundations
- Hospitals
- Data collection and reporting agencies
- Charities
- Local, state, and national governments
- Research institutes
- Expert bloggers
- Funding agencies
- Pharmaceutical and medical companies
- Health commissions
- Health consulting companies
- Community health organizations
- Nursing and allied health organizations
- Academic and professional societies
- Disease surveillance and reporting organizations

Our focus extends beyond journals, books, and other formal publications. We're also not concentrating on conference proceedings, datasets, or dissertations. Rather, our attention is centered on materials such as:

- Case Reports | Performance Data | Guidelines and Manuals | Community Health Needs and Impact Assessments | Blogs and Social Media | Protocol and Methodology Papers | Health Education and Promotional Literature | Policy and Positioning Statements | Newsletters | Disease Surveillance Reporting | Health Technology Assessments | Pilot Projects



Public Health & Social Care





# Exclusive, newly created videos and VR experiences to enhance learning

*Mental Health in VR and Video* offers over 250 short-form mental health videos and VR experiences to support teaching and training in counseling, psychology, social work, nursing, and related fields.

## Mental Health in VR & Video

- Unavailable elsewhere—over 60 percent of the items are exclusive
- Developed in collaboration with students and leading faculty
- Current—most of the content is less than five years old and includes twenty-five videos from 2025
- Covers all aspects of mental health, including Family Systems Therapy, Experiential Therapy, Cognitive Behavioral Therapy (CBT), Multicultural Counseling, Alzheimer’s and Caregiver Support
- Includes over 50 VR experiences, optimized for the latest VR headsets (VR optional—view all content as video)
- WCAG-compliant with advanced search and playlist tools
- Cross-searchable with the new *Applied Psychology* collection
- Includes fresh, real-world content for teaching, training, and research
- Instructional support includes interactive quizzes, transcripts, and instructor guides with assessments and discussion prompts

Winner of awards from The Charleston Advisor, the Association of Learned and Professional Society Publishers (ALPSP), and others

“For my master’s level course, we watched Virtual Microcases together and practiced reflective listening responses. One student said that she’d ‘like to do about 100 of these!’”

– Cari Kaufman, LMFT,  
San Francisco State University

### Real-world counseling in action

Explore immersive, skill-building video content created with leading experts and publishers—designed to support teaching, training, and professional development in mental health and school counseling.

Created with Dr. Tyler Wilkinson, Dr. Ashley Diaz, and Dr. Carlos Zalaquett

### Microcases

Short, three-to-four-minute client clips explore anger, anxiety, grief, trauma, suicidal ideation, and more—building a powerful “virtual library of emotions.”

### Interactive Simulations

Ten-to-fifteen-minute videos are tailored for School Counseling and Career Counseling. Topics include empathy, goal setting, alliance ruptures, stages of change, suicide risk evaluation, and more.

### Featured contributors and publishers

- **Tori Olds, PhD:** Family systems specialist
- **Judith Johnson, PhD:** UK-based clinical psychologist and CBT expert
- **Wiley Publishing:** Skill-based videos on confidentiality, cultural humility, note-taking, boundaries, action planning, and more
- **Cognella Publishing:** Demonstration videos from Ann Vernon and Christine Schimmel—renowned for their groundbreaking work in school counseling

### Enhances clinical skills

Exposes students to realistic, emotionally rich scenarios, so they can build confidence and competence before entering the field—through videos and VR experiences with clients experiencing anxiety, trauma, addiction, grief, and more.

### Fosters empathy

Helps students walk in another’s shoes. The videos explore lived experiences of bullying, depression, homelessness, immigration challenges, racism, and other situations, encouraging deep understanding and dialogue. VR allows even deeper immersion.

“An innovative training tool for use in my teaching and research ... allowing me to create safe, authentic experiential environments to help students gain greater confidence by exposing them to advanced client mental health scenarios.”

– Tyler Wilkinson, Associate Professor,  
Mercer University



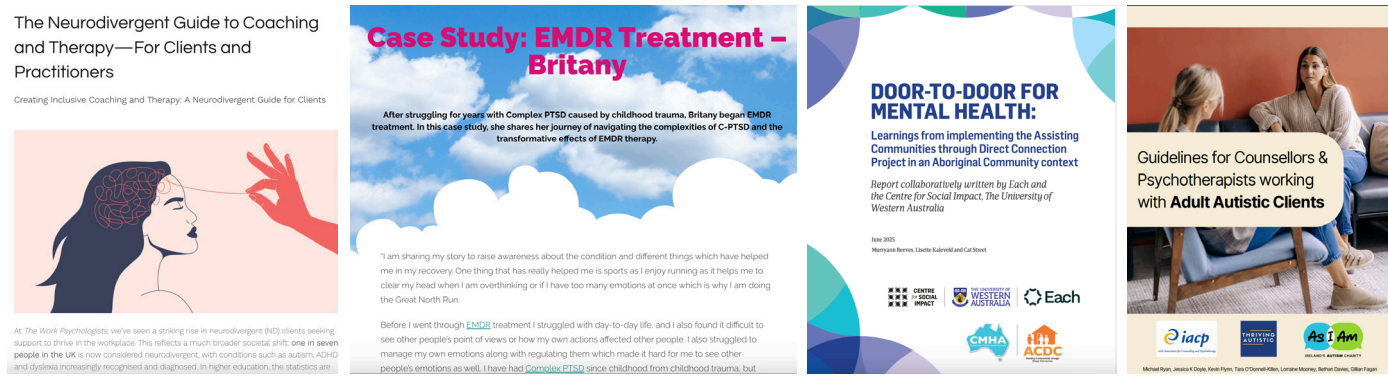
Interactive Simulation



Microcase: Anxiety



# Critical, real-world psychology documents for research and learning



Access over 300,000 essential documents from more than 500 global organizations—content you won’t find in traditional books or journal databases..

Created by practicing psychologists, mental health professionals, nurses, research institutes, advocacy groups, hospitals, professional associations, and more, these materials offer firsthand perspectives from the front lines of care, policy, and research.

### A global resource for mental health and beyond

The database features tools, surveys, proceedings, videos, personal narratives, blogs, podcasts, and case studies—curated for teaching, research, and policy.

- Covers 20+ countries, including regions in the Global South
- Topics span trauma-informed care, workplace stress, culturally competent therapy, group dynamics, and jury decision-making
- Serves psychology and mental health fields—and extends to neuroscience, law, education, health & safety, business, and engineering

All materials—PDFs, audio, video, and text—include persistent identifiers for stable citation and direct links to original sources. Backup copies are preserved, and full access is provided (with permission) if originals are removed from the web—solving the problem of dead links.

“This collection moves beyond theory—to demonstrate how psychology is being used to solve problems in healthcare, education, law, business, and public policy.”

– Elizabeth Robey, publisher



### What You’ll Find

Conference proceedings, evidence-based reports, surveys and white papers

- Human resources white papers and workforce studies
- Clinical guidelines and intervention evaluations
- Organizational behavior case studies
- Governmental and NGO policy papers

### Personal narratives and case studies

- First-person accounts of therapy and recovery
- Stories from educators, caregivers, and mental health workers
- On-the-ground perspectives from high-stress professions (emergency responders, correctional officers, and others)

### Blogs, podcasts, and video

- Expert perspectives from mental health specialists
- Series on trauma-informed care, workplace well-being, and navigating crisis situations
- Thought-provoking conversations on today’s trends in therapy, educational psychology, and behavioral health

### Tools, guidelines, and protocols

Practical, evidence-based resources to support clinical work, policy, and education include screening tools, diagnostic checklists, assessment protocols, and guidelines developed by trusted institutions and professional organizations.



# Applied Psychology



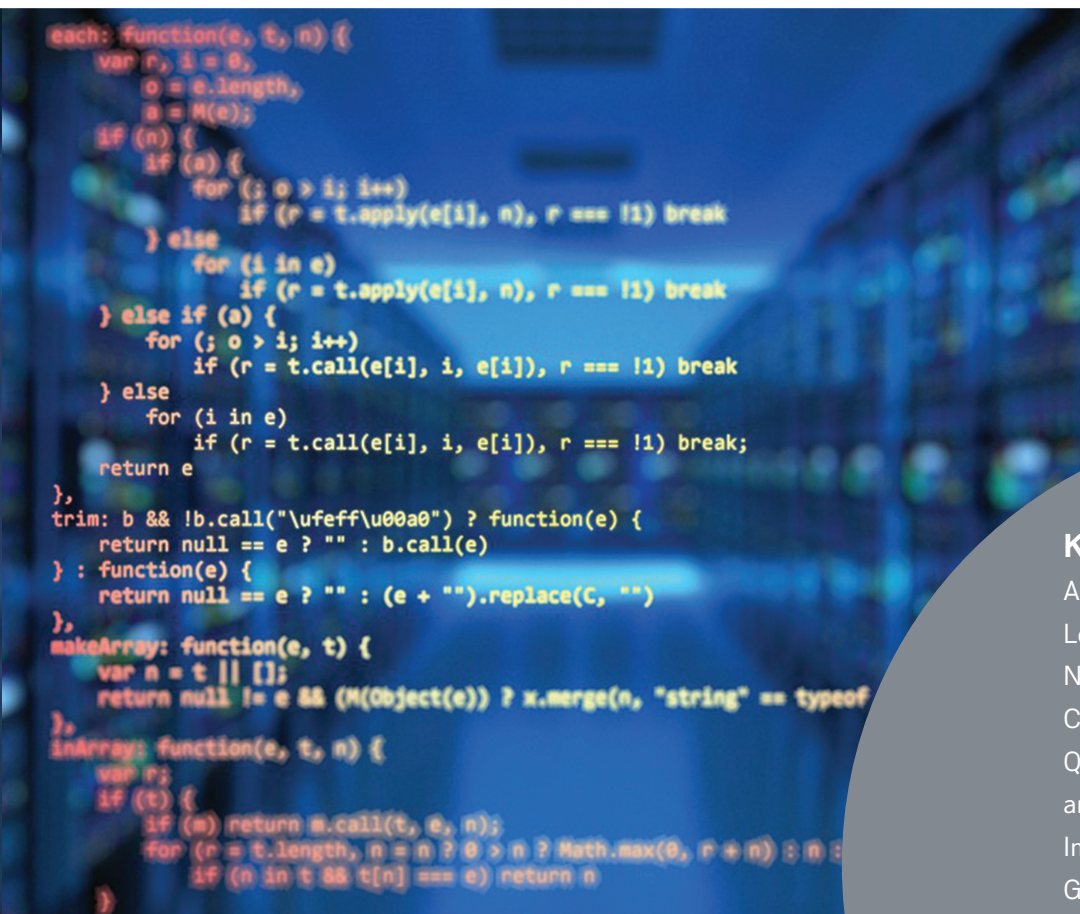
### Special Items

- Forensic Psychology: courtroom reports, assessment tools, and risk analyses
- Workplace Psychology: burnout studies, DEI implementation, performance feedback models
- Health and Counseling: behavior change strategies, patient engagement, substance use interventions
- Educational Psychology: student motivation, special education practices, SEL curriculum





# Computer Science, Data & AI



## Key Topics

Artificial Intelligence and Machine Learning | Data Science and Analytics | Natural Language Processing (NLP) | Computer Vision | Cybersecurity | Quantum Computing | Cloud Computing and Edge Computing | Human-Computer Interaction (HCI) | Ethics and Governance in AI | Autonomous Systems and Robotics | Internet of Things (IoT) | Blockchain and Decentralized Systems | Digital Twins and Simulation | AI in Healthcare | Sustainability and Green Computing | Generative AI | AI for Social Good | Federated Learning and Edge AI | Advanced Programming Paradigms

The definitive database  
for reports, white papers,  
podcasts, and other  
information at the forefront  
of technology

800+  
ORGANIZATIONS COVERED

285,000+  
ITEMS FROM 1995 TO  
TODAY AND CONTINUALLY  
GROWING

**Computer Science, Data, and AI**  
tracks and preserves critical reports,  
white and technical papers, podcasts,  
blogs, videos, and other content  
types—providing researchers with the  
information they need to understand the  
latest advancements and applications  
in these fields.

With coverage of over 800  
organizations—including **industry  
leaders like Meta, Google, and Apple  
and research centers to major  
industry influencers**—the collection  
offers a comprehensive resource unlike  
any other.

Coverage spans core technologies such  
as artificial intelligence (AI), machine  
learning, data science, natural language  
processing (NLP), and computer vision,  
while also delving into cutting-edge  
advancements like generative AI, digital  
twins, and federated learning.

The collection emphasizes the  
practical applications of AI in areas such  
as healthcare, disaster response, and  
education, showcasing how emerging  
technologies can drive social impact and  
address real-world challenges. It also  
explores ethical considerations like **AI  
governance and the importance of  
sustainable computing** through  
energy-efficient solutions and green  
data centers.

By bringing together both foundational  
knowledge and emerging innovations,  
**Computer Science, Data, and AI**  
provides unparalleled insights into the  
technologies that are pushing  
boundaries and reshaping the future.





A comprehensive database of fugitive literature at the intersection of technology and environmental science

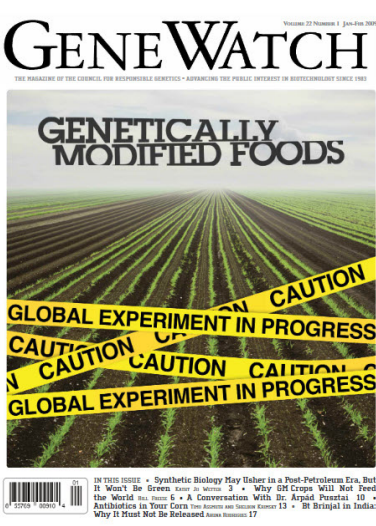
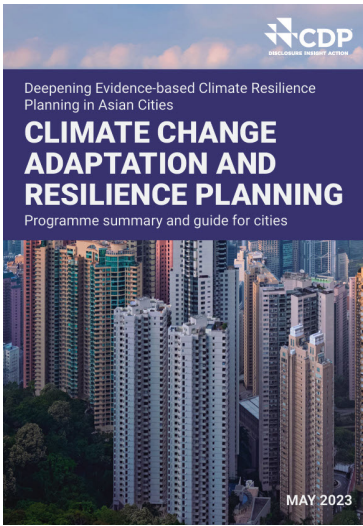
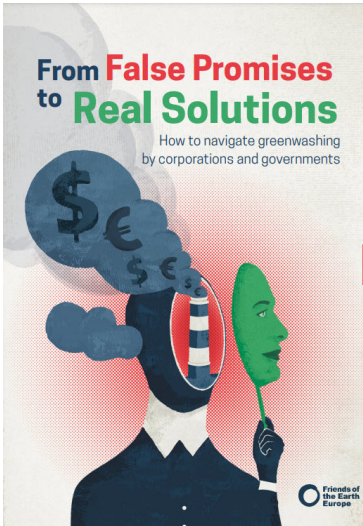
750+ ORGANIZATIONS COVERED

395,000+ ITEMS FROM 1995 TO TODAY AND CONTINUALLY GROWING

**Applied Environmental Science** focuses on technology and its impact on environmental science, showcasing advancements in artificial intelligence, biotechnology, and remote sensing for ecological monitoring and resource optimization.

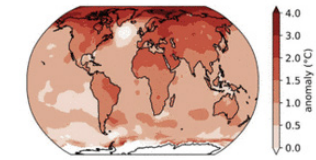
It addresses **pressing global issues**, including the decarbonization of high-impact sectors, the management of the water-energy-food ecosystem (the WEF Nexus), and ethical frameworks for geoengineering.

In addition to scientific and technological innovations, the collection explores **environmental justice, Indigenous knowledge integration, and the social dimensions of climate adaptation**. It features resources on regenerative agriculture, ocean-based solutions, and the health-environment interface, equipping users to tackle complex ecological challenges.



Climate Experts' Review of the DOE Climate Working Group Report

Comment submitted to the U.S. Department of Energy, docket number DOE-HQ-2025-0207, in response to their report "A Critical Review of Impacts of Greenhouse Gas Emissions on the U.S. Climate"



This report may be cited as:  
Dessler, A.E. and R.E. Kopp (Eds.) (2025). Climate Experts' Review of the DOE Climate Working Group Report. DOI: to be assigned. URL: to be assigned.  
Individual sections may be referenced as, for example:  
D.S. Nolan, D. Charas, K. Emanuel, A.J. Garner (2025). Comment on the DOE CWG report, Section 6.2: Hurricanes and Tropical Cyclones. In A.E. Dessler and R.E. Kopp (Eds.), Climate Experts' Review of the DOE Climate Working Group Report (pp. 162-173). DOI: to be assigned. URL: to be assigned.

Over 140,000 environmental monitoring and evaluation reports were produced by companies in 2025, along with over 120,000 reports on artificial intelligence released by governments and consultants.

"None of these can be found in traditional databases. That's why systematic reviews using Coherent's Commons tools have been shown to add up 40 percent more content than if traditional databases are used on their own, including content published in the Global South and in non-English languages."

– Toby Green, Publisher



Key Topics

Climate Change and Resilience | Carbon Management | Sustainable Energy | Circular Bioeconomy | Pollution Control | Biodiversity and Conservation | Water-Energy-Food Nexus | Urban Sustainability | Environmental Technologies | Ocean-Based Solutions | Environmental Health and One Health | Geoengineering | Environmental Justice | Regenerative Practices | Policy and Governance | Synthetic Biology and Biotechnology | Digital Environmental Science | Social Dimensions

Applied Environmental Science





# How to access *Applied Science Commons* —and what you receive

Register at <https://appliedsciencecommons.net> for free access to a limited version of the database.

The following modules are currently available through subscription, with an option to purchase perpetual rights:

- o ***Public Health and Social Care***
- o ***Applied Psychology***
- o ***Mental Health in VR and Video***
- o ***Computer Science, Data, and AI***
- o ***Applied Environmental Science***

***Applied Science Commons Complete*** provides the best value. It includes unlimited access to all five modules. Prices are scaled to library size and type, and consortium discounts may apply.

Contact [sales@coherentdigital.net](mailto:sales@coherentdigital.net) for a custom price quote and to arrange a free trial.

