Applied Science Commons



Discover essential research **beyond traditional publications.**

Essential research is no longer contained only in formally published books and journals. Applied Science Commons gives your students, lecturers and researchers access to valuable STEM-focused grey literature from thousands of organisations across health, science, technology and applied research.

Integrated on a single platform, Applied Science Commons currently comprises:

- Applied Science Commons: Applied Nursing and Allied Health
- Applied Science Commons: Public Health and Social Care
- Applied Science Commons: Applied Psychology
- Applied Science Commons: Mental Health in VR and Video
- Applied Science Commons: Applied Environmental Science
- Applied Science Commons: Computer Science, Data and AI
- Applied Science Commons: Global Technical Reports

Applied Science Commons is a Coherent Digital product comprising STEM-focused grey literature modules that provide access to millions of records from thousands of organisations working across key medical and scientific environments and industries. Many of these valuable resources are hard to find or at risk of disappearing from the web.

The Applied Science Commons Platform

All Applied Science Commons modules are accessible through Coherent Digital's Applied Science Commons platform, providing a central access point for librarians, students, lecturers and researchers.

Reliable Access and Discovery

- Permanent identifiers for reliable citation
- A central access point
- Organisation-level MARC records

Powerful Research Tools

- Advanced search and field search options
- Customisable alerts
- Access to valuable grey literature in one platform

Give Your Institution Access to Essential Applied Research

Give your students, lecturers and researchers access to valuable STEM-focused grey literature that can be difficult to discover through traditional research sources.

Applied Science Commons is a Coherent Digital product distributed by Sabinet in South Africa and Africa.

Sabinet

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+27 12 643 9500 info@sabinet.co.za www.sabinet.co.za

Explore the Modules

Applied Science Commons: Applied Nursing and Allied Health
+200 000 items | +500 organisations

Editorially curated specifically for academic use in clinical education, fieldwork, skills-based learning and applied research. Applied Nursing and Allied Health contains unique content not found in mainstream publishing sources, but which is valuable for a complete research overview across multiple disciplines.

Disciplines Include

- Nursing
- Exercise science
- Nutrition
- Physical therapy
- Occupational therapy
- Dental assisting
- Radiology
- Speech-language pathology
- Audiology
- Behavioural and mental health

Topics Include

- Mental health
- Public health
- Nursing
- Nutrition
- Health policy
- Medical education
- Physiotherapy
- Laws and regulations
- Health services
- Epidemiology

Applied Science Commons: Public Health and Social Care
+1.9 million publications | +7 000 organisations

Public Health and Social Care contains hard-to-find grey literature from the front lines of health-care and social-care providers, researchers and organisations. More than 1.9 million publications from over 7 000 reputable organisations provide a rich resource of content not found in the mainstream publishing environment.

Sources Include

- 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 organisations
- Nursing and allied health organisations
- Academic and professional societies
- Disease surveillance and reporting organisations

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Applied Sciences Commons: Applied Psychology
+162 000 items | +500 organisations

Applied Psychology contains critical, real-world psychology content created by practising psychologists and therapists, research and support groups, advocacy and professional organisations, hospitals, businesses, think tanks and governments. Curated content from more than 500 reputable organisations is available to students, lecturers and researchers.

Topics Include:

- Trauma-informed care
- Crowd psychology
- Workplace stress
- Culturally competent therapy
- Group dynamics
- Child care and welfare
- Public health
- Mental health
- Social services
- And many more

Applied Sciences Commons: Mental Health in VR and Video
+250 short-form videos and VR experiences | +150 exclusive videos and VR experiences

Mental Health in VR and Video consists of hundreds of short-form videos and VR experiences for teaching and training in counselling, psychology, social work, nursing and related fields. The majority of this content is exclusive to the collection.

Content Includes:

- Micro-cases – short clips of clients with specific issues.
- Interactive simulations – videos demonstrating positive relationship techniques.

This module has received prestigious recognition from The Charleston Advisor, the Association of Learned and Professional Society Publishers and others.

Applied Sciences Commons: Applied Environmental Science
+3.5 million items | +2 100 organisations

Applied Environmental Science brings together content focused on the intersection of technology and environmental science, showcasing developments in artificial intelligence, biotechnology and remote sensing for ecological monitoring and resource optimisation.

Key Topics Include:

- 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

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Applied Sciences Commons: Computer Science, Data and AI
+500 000 items | +1 000 organisations

A growing collection of more than 500 000 items from thousands of organisations, with a rich archive dating back to 1995. Computer Science, Data and AI spans core technologies such as artificial intelligence, machine learning, data science, natural language processing and computer vision, while also exploring developments such as generative AI, digital twins and federated learning.

Key Topics Include:

- Artificial intelligence and machine learning
- Data science and analytics
- Natural Language Processing
- Computer vision
- Quantum computing
- Cloud and edge computing
- Human-computer interaction
- Ethics and governance in AI
- Autonomous systems and robotics
- Internet of Things
- Blockchain and decentralised 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

Applied Sciences Commons: Global Technical Reports
+1.5 million items | +175 organisations

Global Technical Reports is a growing collection of hard-to-find scientific, defence, engineering and research and development reports from national laboratories and government-funded technical institutes around the world. The collection centralises and preserves at-risk content currently scattered across repositories and websites. More than 1.5 million items dating back to 1926 from over 175 government laboratories and institutes are available.

Supporting Interdisciplinary Research Include:

- Defence, security and dual-use technologies, including drones, robotics and autonomous systems.
- Engineering and applied science, including experimental studies, materials research and propulsion.
- Energy and climate, including renewable systems, carbon capture and environmental remediation.
- Infrastructure, including intelligent transport systems, seismic studies and urban systems.
- Public health, including epidemiological modelling and health technology assessments.

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