The Scientific Publication Cycle

Access Cycle

Publication Cycle

Knowledge Cycle

Time Cycle

No Access

Limited Public Access: Personal Web Pages (via Google), NSERC Awards Search Engine

- US Patent Office
- Canadian Patent Office
- Google Patents

- Specialized Databases (BIOSIS, ASFA, CAB Abstracts, PubMed)
- Open Access Repositories (UNB D-Space, arXiv Quantitative Bio, OAIster)
- Preprint Databases
- Google Scholar

- Popular Article Databases (Academic Search Premier, CBCA)
- Newspaper Databases (Canadian Newspapers Fulltext (FP Infomart), Library Press Display)
- Public Library Catalogs

- Library Catalogs (Quest, WorldCat)
- Google Books

- Article Databases (Web of Science, BIOSIS, ASFA, CAB Abstracts, PubMed)
- Google Scholar

- Text Books
- Popular Magazines, Books, Newspapers
- Annual Reviews, Books, Encyclopedias
- Scholarly Articles in Journals
- Technical Reports, Dissertations, Theses, Research Reports

- Popularize
- Generalize
- Formalize
- Offer for Peer Review
- Research Report
- Developing Ideas
- Present Preliminary Research
- Conference Papers, Preprints

- Discuss Ideas
- Letters, Memos, Emails, Grant Proposals
- Patents

- Develop
- Present
- Discuss

- Popular
- Generalize
- Formalize


- Google Books

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The Scientific Publication Cycle

Knowledge Cycle

Time Cycle

- Formalize
- Popularize
- Generalize

Develop Ideas
Discuss Ideas
Present Preliminary Research

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Offer for Peer Review
Research Report

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**The Scientific Publication Cycle**

- **Publication Cycle**
  - Offer for Peer Review
  - Research Report
  - Preliminary Research
  - Research
  - Popular for Peer Review
- **Access Cycle**
  - Library Catalogs (Quest, WorldCat)
  - Popular Article Databases (Academic Search Premier, CBCA)
  - Newspaper Databases (Canadian Newspapers Fulltext (FP Infomart), Library Press Display)
  - Public Library Catalogs
- **Knowledge Cycle**
  - Generalize
  - Popularize
  - Formalize
- **Time Cycle**
  - Lab Notebooks, Research Diaries
  - Letters, Memos, Emails, Grant Proposals
  - Patents
  - Conference Papers, Preprints
- **Limited Public Access**
  - Personal Web Pages (via Google), NSERC Awards
- **Search Engine**
  - Google Scholar
- **Specialized Databases**
  - BIOSIS, ASFA, CAB Abstracts, PubMed
  - Open Access Repositories (UNB D-Space, arXiv Quantitative Bio, OAIster)
  - Preprint Databases
- **Funding Agency Website**
  - May have own database
- **Google Books**
- **Article Databases**
  - Scholarly Articles in Journals
  - Technical Reports, Dissertations, Theses, Research Reports
- **University Library Catalogs (Quest, WorldCat)**
- **No Access**

The Scientific Publication Cycle

Access Cycle

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No Access

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