

Finding Research

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Why do we look for evidence (or research)?

- Scanning or looking through the literature
 - To know what has been already been done in your area (or subject) of interest
 - To strengthen your arguments or substantiate your point of view
 - To learn about opposing view points
- Systematic Review of the literature
 - To understand what works best
 - To provide an exhaustive summary of literature relevant to a research question
 - To find gaps in the literature to identify future areas of research

Types of studies out there

- Policy papers
- Case studies
- Reports
- Review papers
- Peer-reviewed papers
- Working papers
- Etc

Where can you find research?

- Electronic Bibliographic databases
- Peer reviewed journals
- Search Engines
- Reference lists
- Institutional websites
- Conference proceedings

Electronic Bibliographic databases

- an organized digital collection of references to published literature
 - journal and newspaper articles, conference proceedings, reports, government and legal publications, patents, books, etc
- Plenty to choose from but access might be an issue
 - Mostly paid: Econ Lit, Academic Search Complete, Business Source Premier (EBSCO)
 - Free includes: IDEAS, SSRN

Search Engine

- Most famous.... GOOGLE or scholar.google
- Make use of advance search function

The screenshot shows a Google Scholar search interface. The search bar contains the text "Broadband investment and regulation". Below the search bar, the results are displayed in a list format. The first result is titled "Broadband investment and regulation: A literature review" by C Cambini and Y Jiang, published in Telecommunications Policy in 2009. The second result is "Network neutrality and congestion-sensitive content providers: Implications for service innovation, broadband investment and regulation" by J Krämer and L Wiewiorra, published in mpra.ub.uni-muenchen.de in 2009. The third result is "Broadband and unbundling regulations in OECD countries" by S J Wallsten, published in works.bepress.com in 2006. The fourth result is "Network neutrality and congestion sensitive content providers: Implications for content variety, broadband investment, and regulation" by J Krämer and L Wiewiorra, published in Information Systems Research in 2012. The interface includes navigation tabs for "Web", "Images", and "More...", a search button, and a sidebar with filters for "Articles", "Legal documents", "Any time", "Sort by relevance", and "Create alert".

→ C scholar.google.com/scholar?q=Broadband+investment+and+regulation&btnG=&hl=en&as_sdt=0%2C5

Web Images More...

Google

Broadband investment and regulation

Scholar About 30,500 results (0.29 sec)

Articles

Legal documents

Any time

Since 2013

Since 2012

Since 2009

Custom range...

Sort by relevance

Sort by date

include patents

include citations

Create alert

[Broadband investment and regulation: A literature review](#) [PDF] from wu.ac.at

C Cambini, Y Jiang - Telecommunications Policy, 2009 - Elsevier

Investment in broadband communications and its infrastructures (the so-called Next Generation Networks) is receiving extraordinary attention from policy makers all over the world, due to the significant impact of high-speed Internet access on the whole economy ...

Cited by 130 Related articles All 14 versions Cite

[Network neutrality and congestion-sensitive content providers: Implications for service innovation, broadband investment and regulation](#) [PDF] from uni-muenchen.de

J Krämer, L Wiewiorra - 2009 - mpra.ub.uni-muenchen.de

We model the main arguments of the net neutrality debate in a two-sided market framework with network congestion sensitive content providers and Internet consumers on each side, respectively. The platform is controlled by a monopolistic Internet service provider, who ...

Cited by 12 Related articles All 9 versions Cite

[Broadband and unbundling regulations in OECD countries](#) [PDF] from regulation2point0.org

S J Wallsten - 2006 - works.bepress.com

... In sum, it appears that very extensive unbundling mandates and some types of price regulation can reduce broadband investment incentives, though regulations ensuring easier interconnection with the incumbent can increase investment. Page 5. 1 ...

Cited by 83 Related articles All 10 versions Cite

[Network neutrality and congestion sensitive content providers: Implications for content variety, broadband investment, and regulation](#) [PDF] from informs.org

J Krämer, L Wiewiorra - Information Systems Research, 2012 - isr.journal.informs.org

Abstract We study departures from network neutrality through implementing a quality of

Searches engines contd...

www.wu.ac.at/sm/ scholar.google.com/scholar?cites=13003677288611017494&as_sdt=2005&scioldt=0,5&hl=en

All citations

Articles Search within citing articles

Legal documents

Any time
Since 2013
Since 2012
Since 2009
Custom range...

Sort by relevance
Sort by date

include citations

Create alert

Submissi....docx

Broadband investment and regulation: A literature review

[Regulation, public policy, and investment in communications infrastructure](#) [PDF] from msu.edu
JM Bauer - Telecommunications Policy, 2010 - Elsevier
A growing number of countries are reexamining telecommunications policies in search of approaches that better support investment and innovation in advanced communication networks and services. In addition to regulatory instruments, a broad range of fiscal and ...
Cited by 46 Related articles All 18 versions Cite

[A critical review of the "ladder of investment" approach](#) [PDF] from harvard.edu
M Bourreau, P Doğan, M Manant - Telecommunications Policy, 2010 - Elsevier
The "ladder of investment" is a regulatory approach proposed by Cave (2006), which has been widely embraced by national regulatory authorities in the European telecommunications sector. The approach entails providing entrants, successively, with ...
Cited by 29 Related articles All 14 versions Cite

[Access regulation and investment in next generation networks—A ranking of regulatory regimes](#) [PDF] from esmt.org
R Nitsche, L Wiethaus - International Journal of Industrial Organization, 2011 - Elsevier
This paper analyses how different types of access regulation to next generation networks affect investments and consumer welfare. The model consists of an investment stage with uncertain returns and subsequent quantity competition. The access price is a function of ...
Cited by 24 Related articles All 19 versions Cite

[Regulation and investment in network industries: Evidence from European telecoms](#) [PDF] from eea-esem.com
M Grajek, LH Röller - Journal of Law and Economics, 2012 - JSTOR
Abstract We provide evidence of an inherent trade-off between access regulation and investment incentives in telecommunications by using a comprehensive data set covering more than 70 fixed-line operators in 20 countries over 10 years. Our econometric model ...
Cited by 17 Related articles All 6 versions Cite

[Racing for investment under mandatory access](#)
J Vareda, S Hoernig - The BE Journal of Economic Analysis & Policy, 2010 - degruyter.com
Abstract We analyze the impact of mandatory access on a race for investments and show that for a low (high) access price, firms wait (preempt each other). An access price increase tends to accelerate investment in general but may delay the first investment. While the first ...
Cited by 13 Related articles All 9 versions Cite

[Access regulation and the incumbent investment in quality-upgrades and in cost-reduction](#)

Don't forget the institutional websites...

- Includes INGOs, think tanks, regulatory agencies, research institutes, consultancy firms...
- Searching through one site may be different from another

Other sources...

- Reference lists
- Conference proceedings/programmes

When searching...

- Too many search results?
 - Identify the key words in your research question or policy issue
 - narrow it down further
 - Geographic area
 - Time
 - Language
 - Any other criteria

More on searches

- Too few results?
 - Take some time to read through search instructions if available
 - Use of “and” “or” “+” differs from site to site
 - Use truncated words where applicable
 - Don’t forget synonyms

[#1](#) Search (("Developing Countries"[MeSH]) OR (less developed countr*[tiab]) OR (third world countr*[tiab]) OR (under developed countr*[tiab]) OR (underdeveloped countr*[tiab]) OR (developing nation*[tiab]) OR (less developed nation*[tiab]) OR (third world nation*[tiab]) OR (under developed nation*[tiab]) OR (low income countr*[tiab]) OR (low income nation*[tiab]) OR (middle income nation*[tiab]) OR (middle income countr*[tiab]) OR (lmic OR lmics[tiab]) OR ("Africa south of the Sahara"[MeSH]) OR ("Asia, Western"[MeSH]) OR ("Asia, Southeastern"[MeSH]) OR ("Asia, Central"[MeSH]) OR (Mexico[MeSH]) OR ("South America"[MeSH])) 23:57:03 [351649](#)

Keeping track of what you use...

- Use a referencing system, eg. Mendeley, zotero, etc
- Make use of functions in MS Word

The screenshot displays the Mendeley Desktop application interface. The main window shows a library titled "IDS lit review, owned by you". The library contains a list of documents with columns for Authors, Title, Year, Published In, and Added. The document "Wireless monitoring of a distributed environmental health intervention in Haiti" is selected. The right-hand pane shows the details for this document, including the title, authors (D. Holstius, J. Kaye, E. Seto), and an abstract.

Authors	Title	Year	Published In	Added
Spence, Randy; Smith, M...	RePections From and On The Forum ICT , Development , and Poverty Reduction : Five Emerging Stories	2010		12/10/12
Holstius, David; Kaye, Jos...	Wireless monitoring of a distributed environmental health intervention in Haiti	2010	Wireless Health 2010	11/8/12
In, Ystems	INTEGRATED HEALTH INFORMATION SYSTEMS IN TANZANIA: EXPERIENCE AND CHALLENGES	2008	The Electronic Journal on Infor...	11/29/12
Aswalap, Supaluk Joy	Tsunami disaster response: A case analysis of the information society in Thailand	2009		11/13/12
Kamel Boulos, Maged N; R...	Crowdsourcing, citizen sensing and sensor web technologies for public and environmental health surveil...	2011	International journal of health...	11/9/12
Ashraf, Md Mahfuz; Grunf...	An Explorative Study of ICT for Developmental Impact in Rural Areas of Bangladesh	2011	Media Asia	11/7/12
Liu, Sophia	The living heritage of historic crises: curating the Bhopal disaster in the social media landscape	2012	interactions	11/15/12
Smith, Matthew L; Street...	Mobile Phones and Expanding Human Capabilities 1	2011		11/29/12
Gonsalves 1949, Julian F...	Strengthening resilience in post-disaster situations: stories, experience and lessons from South Asia	2011		11/20/12
Solutions, Innovative	Poverty reduction with strategic communication: Moving from Awareness Raising to Sustained Citizen Participati...			12/3/12
	National Seminar on Information and Communication Technologies in the Context of Gender and Developme...	2006	Gender, Technology and ...	11/7/12
Perreault, Mildred Frances	Covering the Haiti earthquake of 2010: How journalists used technology to capture the conditions of Haiti in th...	2010		11/28/12
Oxfam; Tropen, Koninklijk ...	Gender and ICTs for development: a global sourcebook	2005		11/6/12
Hester, Vaughn; Shaw, Aa...	Scalable crisis relief: Crowdsourced SMS translation and categorization with Mission 4636	2010	Proceedings of the First ACM S...	11/26/12

Details | Notes

Type: Conference Proceedings

Wireless monitoring of a distributed environmental health intervention in Haiti

Authors: D. Holstius, J. Kaye, E. Seto

View research catalog entry for this paper

Proc. Title: *Wireless Health 2010*

Year: 2010

Pages: 204-205

Abstract:

Each year, countless children die in underdeveloped countries as a result of water-borne illness. We present a prototype system, currently in pilot testing by a Haiti-based NGO, that supports increased transparency and scalability for data assimilation efforts in the context of a distributed water sanitation project. Wireless technologies such as Short Messaging System (SMS) and Near Field Communication (NFC) are integral to the system. Due to the use of low-cost, off-the-shelf mobile hardware and open-source software, and the selection of SMS for the network transport layer, the system is affordable yet reliable enough to be deployed where power and connectivity may be extremely intermittent. This includes regions such as rural Haiti, home to over half the country's population, as well as disaster areas, such as Port-au-Prince, the urban epicenter of a recent devasta...

Tags:

1 of 126 documents selected

Literature search challenges

- **Finding unpublished work**
 - Negative impacts unpublished
- **Database Bias**
 - No single database is likely to contain all published studies on a given subject
- **Publication Bias**
 - selective publication of articles that show positive effects and statistical significance.
 - May need to search for unpublished studies, manual search of conference proceedings, correspondence with experts
- **English-language bias**
- **Citation bias**
 - occurs when studies with significant or positive results are referenced in other publications, compared with studies with inconclusive or negative findings