

## The Virtual World »

### **PB2011105171**

U.S. Initiatives to Promote Global Internet Freedom: Issues, Policy, and Technology, January 3, 2011.

Congressional Research Service, Washington, D.C. 2011, 28p

#### **Related Categories/Sub Categories:**

62 (Computers, Control & Information Theory)

88B (Information Systems)

92C (Social Concerns)

92E (International Relations)

Keywords: Internet, United States government, Censorship.

### **ADA523539**

Being There is Only the Beginning: Toward More Effective Web 2.0 Use in Academic Libraries.

Pratt Inst., Brooklyn, NY. 2010, 10p

#### **Related Categories/Sub Categories:**

62 (Computers, Control & Information Theory)

88B (Information Systems)

Keywords: Customer services, Marketing, Internet.



### **N20100021398**

21st Century Connections: Making Sense of Social Media Tools.

NASA Ames Research Center 2010, 66p

ARC-E-DAA-TN752

#### **Related Categories/Sub Categories:**

45D (Sociopolitical)

62 (Computers, Control & Information Theory)

92C (Social Concerns)

Keywords: Internet, Sociology, NASA programs.

### **ADA539936**

Leveraging Technology and Social Media for Information Sharing.

Air Force Fellows Program, Maxwell AFB, AL. 2009, 40p

AU/AFF/NNN/2009-0712

#### **Related Categories/Sub Categories:**

45C (Common Carrier & Satellite)

45D (Sociopolitical)

92C (Social Concerns)

Keywords: Communications networks, Secure communications, Information exchange.

### **PB2011107793**

Opportunity for All: How the American Public Benefits from Internet Access at U.S. Libraries.

Institute of Museum and Library Services, Washington, DC.

2010, 212p

IMLS-2010-RES-01

#### **Related Categories/Sub Categories:**

45C (Common Carrier & Satellite)

88B (Information Systems)

92D (Education, Law, & Humanities)

88B (Information Systems)

Keywords: Computer communications, Internet, Public education.

## Category 88 – Library & Information Sciences

### **PB2011101392**

Environmental Protection Agency: EPA Needs to Complete a Strategy for Its Library Network to Meet Users' Needs.

Government Accountability Office, Washington, DC.

2010, 40p

GAO-10-947

#### **Related Categories/Sub Categories:**

68 (Environmental Pollution & Control)

88B (Information Systems)

Keywords: Environmental research, Reorganization, Librarians.

### *Newsletter*

## National Technical Reports Library

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U.S. Department of Commerce  
5301 Shawnee Road  
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## Category 88 – Library and Information Sciences

**PB2011107774**

Advancing Research and Practice in Digital Curation and Publishing.

Summary Report and Recommendations of the Workshop on Next Steps in Research, Education and Practice.

University Coll., London (England).

2010, 12p

**Related Categories/Sub Categories:**

62B (Computer Software)

88B (Information Systems)

**Keywords:** Digital systems, Electronic publishing, Data base management.

**DE2010975221**

Design and Implementation of a Metadata-Rich File System.

Lawrence Livermore National Lab., CA.

2010, 16p

LLNL-TR-422677

**Related Categories/Sub Categories:**

62 (Computers, Control & Information Theory)

88B (Information Systems)

**Keywords:** Query systems, Metadata, File systems.

**ADA536493**

Can You Work with Me? Using a Qualitative Meta Analytic Review to Understand the Effects of Culture on the Formation of Swift Trust within Global Virtual Teams.

Office of Aerospace Research and Development, APO-AP 96337-0007.

2011, 49p

**Related Categories/Sub Categories:**

88B (Information Systems)

92C (Social Concerns),

92D (Education, Law, & Humanities)

**Keywords:** Culture, Social psychology, Information systems.

**ADA523199**

Connecting the Dots: Enduring Challenges in the Nation's Information Sharing Environment.

Army Command and General Staff Coll., Fort Leavenworth, KS.

School of Advanced Military Studies.

2010, 95p

**Related Categories/Sub Categories:**

88B (Information Systems)

911 (Emergency Services & Planning)

**Keywords:** Homeland security, Information exchange, National security.

**ADA524642**

Information Transfer in Wireless Networks.

Gdansk Technical Univ. (Poland).

2010, 13p

**Related Categories/Sub Categories:**

62 (Computers, Control & Information Theory)

88B (Information Systems)

**Keywords:** Wireless computer networks, Information transfer, Poland.



## Category 45 – Communication

**ADA539880**

How Americans are Getting News and Information in the 21st Century.

Air War Coll., Maxwell AFB, AL. Center for Strategy and Technology.

2009, 34p

**Related Categories/Sub Categories:**

45D (Sociopolitical)

92C (Social Concerns)

92D (Education, Law, & Humanities)

**Keywords:** Information retrieval, Mass media, Radio broadcasting.

**ADA503900**

Social Networking Website Users and Privacy Concerns: A Mixed Methods Investigation.

Air Force Inst. of Tech., Wright-Patterson AFB, OH. Graduate School of Engineering and Management.

2009, 63p

AFIT/GEM/ENV/09-M14

**Related Categories/Sub Categories:**

45F (Verbal)

62B (Computer Software)

**Keywords:** Internet, Social communication, Networks.

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**PB2010106638**

Social Networking and Constituent Communications: Member Use of Twitter During a Two-Month Period in the 111th Congress, February 3, 2010.

Congressional Research Service, Washington, DC.

2010, 17p

**Related Categories/Sub Categories:**

45C (Common Carrier & Satellite)

45D (Sociopolitical)

92C (Social Concerns)

**Keywords:** Social communication, Data analysis, Human behavior.

**ADA522953**

Marching Toward the Metaverse: Strategic Communication Through the New Media.

Army Command and General Staff Coll., Fort Leavenworth, KS.

School of Advanced Military Studies.

2010, 63p

**Related Categories/Sub Categories:**

45C (Common Carrier & Satellite)

62 (Computers, Control & Information Theory)

88B (Information Systems)

**Keywords:** Internet, Information exchange, Strategic communications.

**Key to Database Fields Used**

The following NTIS database fields are used in this short listing of recently acquired technical reports.

NTIS Order Number

Title

Source

Report Year, Page Count

Report Number/ISBN13 (if available)

Related Categories/Sub-categories

(where the document is also indexed)

Keywords

**RSS Feeds** are available in your choice of NTIS Subject Category. For information use the RSS link on the NTIS Homepage and look for the Category RSS Feeds button.



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- Connie Fritz, Science Librarian, RPI

### Major Subject Categories

Category Codes* / Title	New for May Quantity**
41 Manufacturing Technology .....	32
43 Problem Solving Information for State & Local Governments .....	254
44 Health Care .....	282
45 Communication .....	59
46 Physics .....	208
47 Ocean Sciences & Technology .....	214
48 Natural Resources & Earth Sciences .....	271
49 Electrotechnology .....	60
50 Civil Engineering .....	102
51 Aeronautics & Aerodynamics .....	92
54 Astronomy & Astrophysics .....	76
55 Atmospheric Sciences .....	95
57 Medicine & Biology .....	611
62 Computers, Control & Information Theory .....	130
63 Detection & Countermeasures .....	121
68 Environmental Pollution & Control .....	307
70 Administration & Management .....	468
71 Materials Sciences .....	68
72 Mathematical Sciences .....	65
74 Military Sciences .....	155
75 Missile Technology .....	2
76 Navigation, Guidance, & Control .....	20
77 Nuclear Science & Technology .....	104
79 Ordnance .....	45
81 Combustion, Engines, & Propellants .....	36
82 Photography & Recording Devices .....	12
84 Space Technology .....	87
85 Transportation .....	151
88 Library & Information Sciences .....	62
89 Building Industry Technology .....	26
90 Government Inventions for Licensing .....	1
91 Urban & Regional Technology & Development .....	262
92 Behavior & Society .....	510
94 Industrial & Mechanical Engineering .....	43
95 Biomedical Technology & Human Factors .....	45
96 Business & Economics .....	237
97 Energy .....	124
98 Agriculture & Food .....	137
99 Chemistry .....	173

\* For a listing of Scope Notes that defines the specific topical content for each category, go to <http://www.ntis.gov/pdf/scopenotes.pdf>

\*\* Quantities represent each new report assigned on average to 3-5 categories.

### Category 45 – Communication

#### ADA532661

Impact of Information Loss and Information Error on Network-Enabled Decision-making. Carnegie-Mellon Univ., Pittsburgh, PA. Inst. of Software Research Internet. 2010, 29p. CMU-ISR-10-127. Related Categories/Sub Categories: 45C (Common Carrier & Satellite) 70B (Management Practice) 88B (Information Systems) Keywords: Information retrieval, Decision making, Communications networks.

#### ADA533052

Fundamentals of Wireless Networks: Connectivity and Capacity. Lucent Technologies, Murray Hill, NJ. 2010, 66p. Related Categories/Sub Categories: 45B (Radio & Television Equipment) 45C (Common Carrier & Satellite) Keywords: Radio links, Communications networks, Self organizing systems.

#### PB2011104643

Recovery Act Investments in Broadband: Leveraging Federal Dollars to Create Jobs and Connect America. Executive Office of the President, Washington, DC. National Economic Council. 2009, 16p. Related Categories/Sub-Categories: 45A (Policies, Regulations, & Studies) 45C (Common Carrier & Satellite) 70F (Public Administration & Government) 96A (Domestic Commerce, Marketing, & Economics) Keywords: Broadband stimulus, Telecommunication, Information access.

### Subject Category Codes/Classification

NTIS classifies citations into 39 subject categories. Each of these subject categories is divided into subcategories. This method provides sorting categories for both hard and soft sciences. All subject categories consist of three character codes: two numerics and one alpha character. The numeric codes represent entire categories the alpha codes are used to designate subcategories within these broad categories. The number of NTIS subcategories posted to an information product average from three to five, although there are some reports with more.

## Category 62 – Computers, Control, & Information Theory

### **N20100040556**

#### Securing Social Media.

National Aeronautics and Space Administration, Huntsville, AL. George C. Marshall Space Flight Center.

2010, 33p  
M10-1052

#### **Related Categories/Sub Categories:**

45C (Common Carrier & Satellite)  
45E (Sociopolitical)  
62 (Computers, Control & Information Theory)  
92C (Social Concerns)

**Keywords:** Computer information security, Information resources management, Social factors.

### **ADA514578**

#### Next-Generation Strategic Communication: Building Influence Through Online Social Networking.

National Defense Univ., Norfolk, VA. Joint Forces Staff Coll.

#### **Related Categories/Sub Categories:**

45E (Sociopolitical)  
62 (Computers, Control & Information Theory)  
74G (Military Operations, Strategy, & Tactics)  
92C (Social Concerns)  
92B (Psychology)

**Keywords:** Internet, Diplomacy, Strategic communications.

### **ADA523537**

#### Defense Technical Information Center's 2010 Student Paper Competition: The Winning Papers.

Defense Technical Information Center, Fort Belvoir, VA.  
Directorate for Information Science and Technology.

2010, 39p  
DTIC-E-TR-2010/04

#### **Related Categories/Sub Categories:**

88B (Information Systems)  
57T (Psychiatry)  
62 (Computers, Control & Information Theory)  
74F (Military Intelligence)  
92 (Behavior & Society)  
92B (Psychology)

**Keywords:** Students, United States government, Information centers.

### **ADA525395**

Coordination and Collaboration Process within Committees in the Information Age. Beijing Genomics Inst., Shenzhen (China).  
2010, 27p

#### **Related Categories/Sub Categories:**

45 (Communication)  
62 (Computers, Control & Information Theory)  
88B (Information Systems)

**Keywords:** Coordinates, Collaborative techniques, Information systems.

### **ADA537560**

Rise of a Cybered Westphalian Age. Air Univ., Maxwell AFB, AL. Strategic Studies Quarterly.  
2011, 31p

#### **Related Categories/Sub Categories:**

62D (Information Processing Standards)  
92E (International Relations)  
95D (Human Factors Engineering)

**Keywords:** Network topology, International relations, Internet.

### **PB2009114587**

Broadband Internet's Value for Rural America. Economic Research Service, Washington, DC.  
2009, 70p

#### **Related Categories/Sub Categories:**

45C (Common Carrier & Satellite)  
62 (Computers, Control & Information Theory)  
91H (Regional Administration & Planning)  
98B (Agricultural Economics)

**Keywords:** Internet, Broadband, Computer networks.

### **N20110004219**

#### Virtualizing Resources for the Application Services and Framework Team.

National Aeronautics and Space Administration, Cocoa Beach, FL. John F. Kennedy Space Center.  
2010, 7p  
KSC-2010-100

#### **Related Categories/Sub Categories:**

51 (Aeronautics & Aerodynamics)  
62 (Computers, Control & Information Theory)  
88 (Library & Information Sciences)

**Keywords:** Virtual properties, Information systems, NASA programs.



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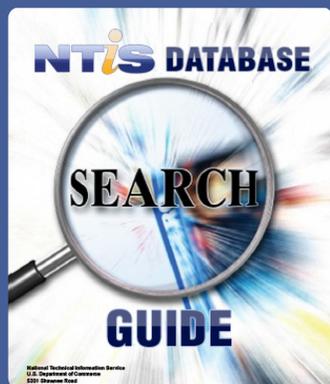
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The following is a list of the titles included in this month's issue, without links to the NTIS Website. The list is in alphabetical order.

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PB2011107774	88	Advancing Research and Practice in Digital Curation and Publishing.
ADA523539	88	Being There is Only the Beginning: Toward More Effective Web 2.0 Use in Academic Libraries.
PB2009114587	98	Broadband Internet's Value for Rural America.
ADA536493	92	Can You Work with Me? Using a Qualitative Meta Analytic Review to Understand the Effects of Culture on the Formation of Swift Trust within Global Virtual Teams.
ADA523199	88	Connecting the Dots: Enduring Challenges in the Nation's Information Sharing Environment.
ADA525395	45	Coordination and Collaboration Process within Committees in the Information Age.
ADA523537	74	Defense Technical Information Center's 2010 Student Paper Competition: The Winning Papers.
DE2010975221	88	Design and Implementation of a Metadata-rich File System.
PB2011101392	68	Environmental Protection Agency: EPA Needs to Complete a Strategy for Its Library Network to Meet Users' Needs.
ADA533052	45	Fundamentals of Wireless Networks: Connectivity and Capacity.
ADA539880	45	How Americans are Getting News and Information in the 21st Century.
ADA532661	70	Impact of Information Loss and Information Error on Network-enabled Decision-making.
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PB2011105171	92	U.S. Initiatives to Promote Global Internet Freedom: Issues, Policy, and Technology, January 3, 2011.
N20110004219	51	Virtualizing Resources for the Application Services and Framework Team.



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