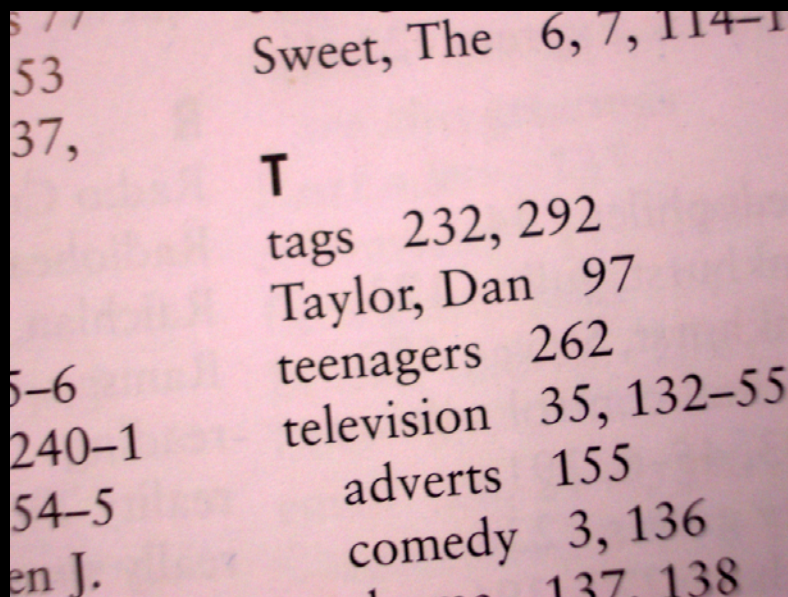


NISO, Standards and Supplemental Materials

*Todd Carpenter
Managing Director, NISO
Board on Research Data and Information, December 2010*

About NISO

Standards are familiar, even if you don't notice



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Non-profit industry trade association accredited by ANSI

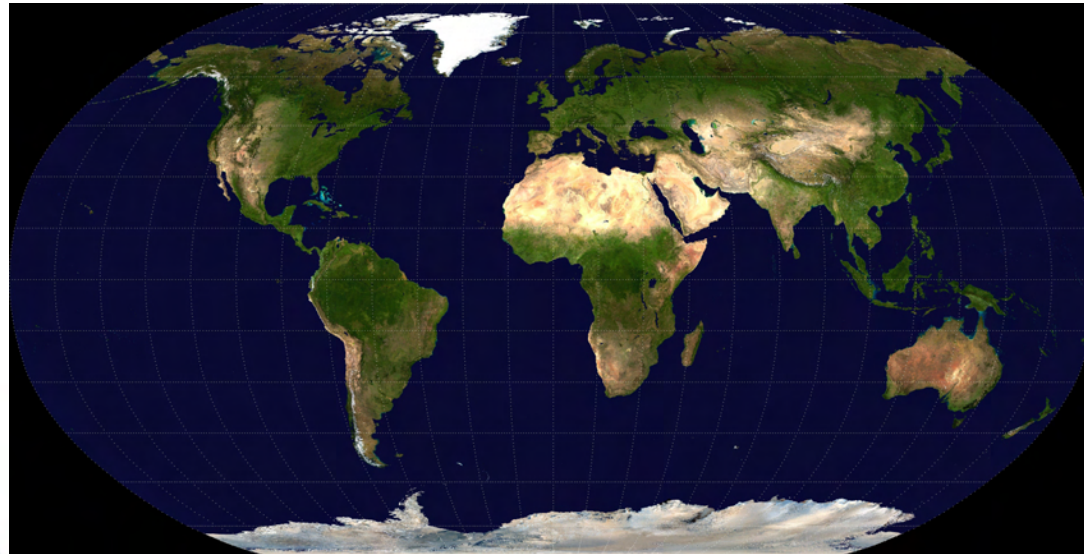
Mission of developing and maintaining technical standards related to information, documentation, discovery and distribution of published materials and media

Volunteer driven organization: 400+ spread out across the world

National Information Standards Organization



NISO on the International Stage



Actively participate internationally with ISO, EDItEUR, IFLA, ICSTI, International STM Association, the UK Serials Group, LIBER, Standards Australia, ISO Registration Authorities

Standards developed today generally are applied across a worldwide and integrated industry.

Our part of ISO's Organizational Structure



Technical Committee (TC) 46 Information & Documentation

Subcommittees (SC):

- 4 – Systems Interoperability
- 8 – Performance Measurement
- 9 – Identification & Description
- 11 – Records Management

NISO manages the Secretariat of ISO TC 46, SC 9



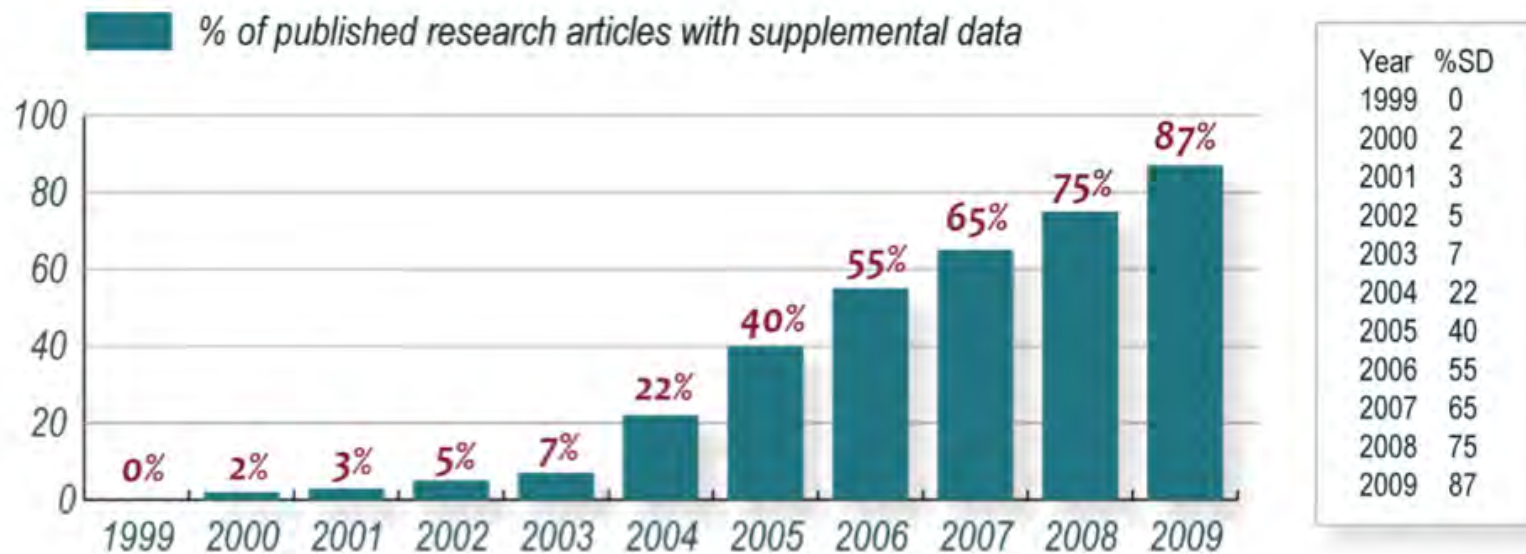
Supplemental Materials

Supplemental Materials Project

Background

- Began with a short survey conducted by Sasha Schwarzman at AGU in fall 2009
- Distributed results on CrossRef tech listserv
- Lots of discussion during CrossRef fall meeting
- Organization of thought leader meeting in DC
- Partnership with NFAIS and drafting proposal
- Approved as Joint WG in spring 2010

How pressing is this problem?



Supplemental Materials Project

Goal is to focus on the publication structures necessary for communicating supplemental materials as part of the publications process

NOT Addressing every and all data questions

Content that users want & need?

- The core questions:
 - What is critical to understanding?
 - What is supplemental to understanding?
 - What is ancillary to understanding?

The form of the content, i.e., text, video, audio, data, applications, is NOT the key to whether something is supplemental

Developing Recommended Practices

NISO develops “Capital S” Standards

- Officially designated Z39.XX standards or at ISO
- Accredited by ANSI or ISO
- “Force of Law” national standards

NISO also develops lower-threshold consensus projects: Recommended Practices

- Simpler process, faster to develop
- When it’s too early to formally standardize
- Helps to shape industry practice

Business Working Group - Goals

Definitions of Supplemental Materials & Related terms

Recommendations for linking and referencing

Location/storage of supplemental materials?

Metadata, persistent identification

Peer review, production and curation

Permissions handling

How to deal with corrections

Business Information Subgroup

Linda Beebe, *American Psychological Association – Co-chair*

Marie McVeigh, *Thomson Reuters – Co-chair*

Annette Flanagin, *JAMA and Archives Journals*

David Gillikin, *National Library of Medicine*

Bruce Kiesel, *Thomson Reuters*

Amy Kirchhoff, *ITHAKA*

Bonnie Lawlor, *NFAIS*

Alison Loudon, *American Institute of Physics*

Skip Maier, *APA Journals*

Eefke Smit, *International Association of STM Publishers*

Scott Virkler, *Elsevier*

Technical Working Group - Goals

Based on preliminary work of Business WG

Technical recommendations for metadata/
identifiers

Markup practice

Support systems for reference linking & citation

Archiving, preservation, storage, migration

Indexing and discovery

Packaging, exchange, delivery structures

Technical Issues Subgroup

Dave Martinsen, *American Chemical Society – Co-Chair*

Sasha Schwarzman, *American Geophysical Union (AGU) – Co-Chair*

IJsbrand Jan Aalbersberg, *Elsevier*

Jeffrey Beck, *NCBI, National Library of Medicine*

Ken Beauchamp, *American Society for Clinical Investigation*

Michael Esman, *National Agricultural Library*

Chuck Koscher, *CrossRef*

John Kunze, *California Digital Library*

Kathy Kwan, *NCBI, National Library of Medicine*

Deborah Lapeyre, *Mulberry Technologies, Inc.*

Andrea Laue, *HighWire Press*

John Meyer, *ITHAKA*

Dharitri Misra, *National Library of Medicine*

Nancy Murray, *ITHAKA*

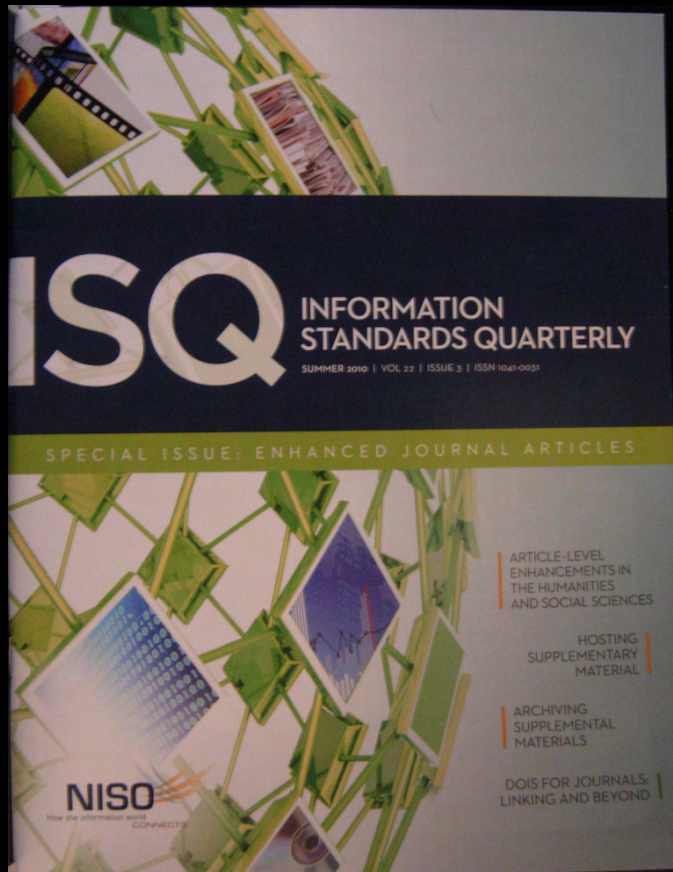
Ira Polans, *IEEE*

Craig Rodkin, *Association of Computing Machinery*

Kathleen Sheedy, *American Psychological Association*

Amy Stout, *Massachusetts Institute of Technology*

More about NISO's work in this space



Summer Issue of ISQ

Special issue on Enhanced Journal Articles

Article-level Enhancements in the Humanities and Social Sciences

Hosting Supplemental Materials

Archiving Supplemental Materials

DOIs - Linking and Beyond

Supplemental Materials Survey

Report on NISO/NFAIS project

ALSO OTHER RELATED PROJECTS

DOI International Standardization

Preservation Practices

Dublin Core Metadata

Thank you!

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