



**NISO PLUS 2020**

ENVISION + INNOVATION

# Engaging with NISO

How and why?





# Session outline

- Ice breaker (10 minutes)
- Introduction to standards (5 minutes)
- All about NISO (20 minutes)
- How and why to get involved (5 minutes)
- Quiz (10 minutes)
- Exercise (15 minutes)
- Report back (15 minutes)
- Wrap up/final questions (10 minutes)



# Ice breaker - Baltimore style



Photo: [Mike DelGaudio](#) (CC-BY)



Photo: Questions by [Nick Youngson](#) CC BY-SA 3.0 [Alpha Stock Images](#)

At any time, write down any question you have about NISO, and put it in the bucket





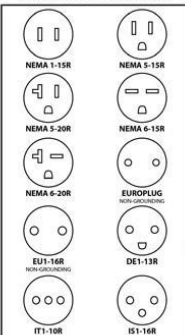
# Look around — you'll see lots of standards

UNIVERSAL INTERNATIONAL  
MULTI-CONFIGURATION  
PLUG ADAPTERS

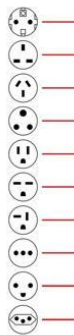
PRODUCT  
BULLETIN  
9102011 (REV. 2)



**RECEPTACLE SIDE**  
ADAPTER'S RECEPTACLE SIDE  
ACCEPTS ALL BELOW PLUG CONFIGURATIONS



**PLUG SIDE**  
ADAPTER'S PLUG SIDE  
AVAILABLE IN BELOW OPTIONS



**CATALOG NUMBER & DESCRIPTION**

- CAT. 30225 European "Schuko" CEE 7, CEE 7-7 plug adapter. EU1-16P.
- CAT. 30260 United Kingdom BS 1363 plug adapter. UK1-13P.
- CAT. 30200 Australia, China and Argentina plug adapter. AU1-10P, CH1-10P and AR1-10P.
- CAT. 30265 S. Africa, India 16 Ampere, BS 546A, SABS 164, IS 1293 plug adapter. UK2-15P.
- CAT. 30250 USA / CSA (Nema 5-15P) plug adapter. Mates with Nema 5-15R & 5-20R outlets.
- CAT. 30255 USA / CSA (Nema 6-15P) plug adapter. Mates with Nema 6-15R & 6-20R outlets.
- CAT. 30255-620P USA / CSA (Nema 6-20P) plug adapter. Mates with Nema 6-20R outlets.
- CAT. 30280 Italian CEI 23-16 / VII, 10 Ampere plug adapter. IT1-10P. Mates with 10A & 16A outlets.
- CAT. 30275 Danish AFSNIT 107-2-D1 plug adapter. DE1-13P.
- CAT. 30285 Swiss SEV 1011 plug adapter. SW1-10P. Mates with 10A & 16A outlets.





There are essentially  
two ways to discuss  
information  
standards





**Developer Tools - Developing Standard or Emerging Forms of Assessment: The NISO Analytics Initiative: The Serials Librarian: Vol 70, No 1-4 - https://www.tandfonline.com/doi/full/10.108...**

**Inspector** Console Debugger Network Style Editor Performance Memory Storage Accessibility AdBlock Plus

Search HTML + Filter Styles .hov .cls + Layout Computed Changes Fonts

```
<!DOCTYPE html>
<html class="pb-page wf-opensans-n4-active wf-opensans-n6-active wf-opensans-vf-wf-droidserif-i7-active wf-droidserif-i4-active wf-active" data-request-id="1fab766d-086a-4f27-8e1b-32e711831bd5" lang="en">
  <head data-pb-dropzones="head">
    <body class="pb-ui">
      ::before
      <div id="MathJax_Message" style="display: none;"></div>
      <!--Google Tag Manager-->
      <script></script>
      <noscript></noscript>
      <!--End Google Tag Manager-->
      <div class="skipContent off-screen"></div>
      <script type="text/javascript"></script>
      <script type="text/javascript"></script>
      <script id="read-speaker_script" type="text/javascript" src="/wro/he42-read-speaker.js" async="" defer=""></script>
      <div id="pb-page-content" data-ng-non-bindable="">
        <ul id="ui-id-1" class="ui-autocomplete ui-front ui-menu ui-widget ui-widget-content ui-corner-all quickSearchAutocomplete" tabindex="0" style="display: none;">
          <div class="ajax-overlay"></div>
          <div id="crossmark-widget" style="display: none;"></div>
          <script type="text/javascript" src="https://api.altmetric.com/v1/doi/10.1080/0361526x.2016.11577-ne.comskyec3c130976ca2b8f2e88f8377633751ba&cache_until=2-14"></script>
          <div id="atssh" style="visibility: hidden; height: 1px; width: 1px; position: absolute; top: -9999px; z-index: 100000;"></div>
          <style id="service-icons-0"></style>
          <iframe id="cw-colwizFrame" allowfullscreen="" webkitallowfullscreen="" mozallowfullscreen="" style="display: none; position: fixed; top: 0px; left: 0px; z-index: 0; border: 0px;"
            onload="CWPDFReader_Publisher.getInstance().onLoadColwizIframe()"
            src="https://app.wizard.ai/js/webpdf/pages/ireader.html?v=19.10.11-5381-851" data-version="19.10.11-5381-851" width="0%" height="0%"></iframe>
          <iframe id="cw-colwizwebFrame" allowfullscreen="" webkitallowfullscreen="" mozallowfullscreen="" style="display: none; position: fixed; top: 0px; left: 0px; z-index: 0; border: 0px;"
            onload="CWPDFReader_Publisher.getInstance().onLoadColwizIframe()"
            src="https://www.wizard.ai/js/webpdf/pages/ireader.html?v=19.10.11-5381-851" data-version="19.10.11-5381-851" width="0%" height="0%"></iframe>
          <script id="" type="text/javascript"></script>
          <script id="" type="text/javascript">fbq("track","PageView");</script>
          <script id="" type="text/javascript" src="https://secure.badb5refl.com/js/165936.js"></script>
          <noscript></noscript>
        </div>
      </body>
    </html>
```

**Filter Styles** .hov .cls +

**Pseudo-elements**

This Element

element { inline

body head\_4\_698\_1485\_2139\_2347.css:1486

```
{
  color: #333;
  font-family: "Open Sans", Sans-Serif;
  font-size: 16px;
  -ms-scrollbar-style: scrollbar;
  margin: 0;
}
```

body { head\_4\_698\_1485\_2139\_2347.css:991

```
{
  margin: 0;
}
```

body { he42~product.css:17

```
{
  overflow-x: hidden;
}
```

body { he42~product.css:17

```
{
  width: 100%;
  margin: 0;
  *zoom: 1;
}
```

body { he42~product.css:4

```
{
  margin: 0;
}
```

\* { head\_4\_698\_1485\_2139\_2347.css:830

```
{
  -webkit-box-sizing: border-box;
  -moz-box-sizing: border-box;
  box-sizing: border-box;
}
```

Inherited from html

html, button, select, textarea {

```
{
  font-family: sans-serif;
}
```

html head\_4\_698\_1485\_2139\_2347.css:1546

```
{
  font-size: 100%;
  -webkit-text-size-adjust: 100%;
}
```

html { he42~product.css:4

```
{
  font-family: sans-serif;
}
```

**Layout** Computed Changes Fonts

**Flexbox**

Select a Flex container or item to continue.

**Grid**

CSS Grid is not in use on this page

**Box Model**

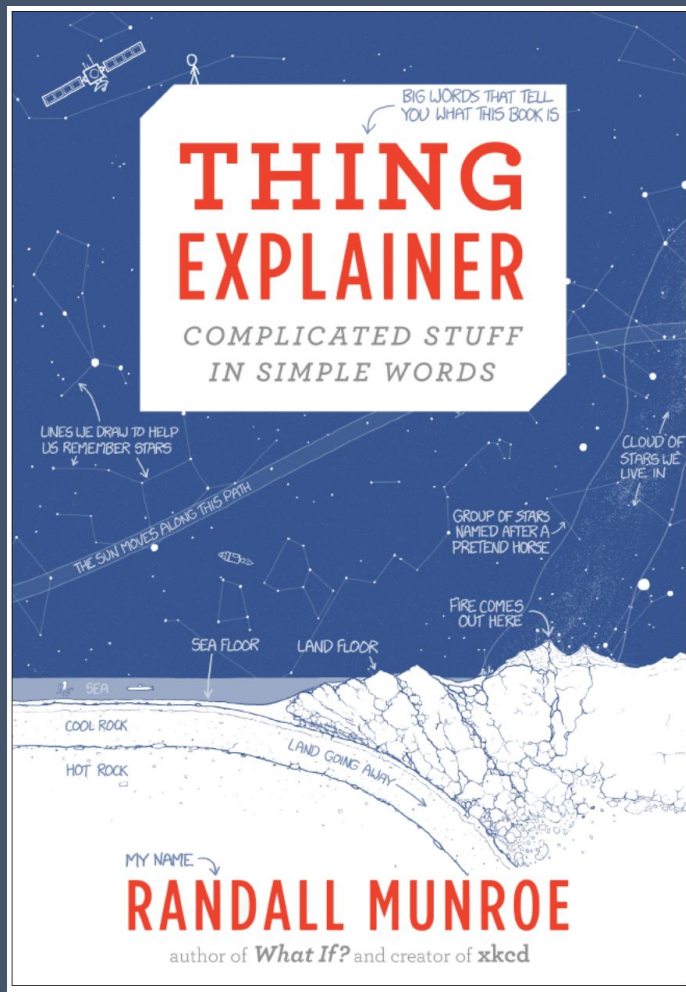
The diagram illustrates the Box Model with the following dimensions:

- margin: 0
- border: 0
- padding: 0
- content width: 1427x5886.05
- total width: 1427x5886.05

**Box Model Properties**

Property	Value
box-sizing	border-box
display	block
float	none
line-height	22.5px
position	static
z-index	auto

2.







Content  
distribution  
was the first  
industrial  
process



It was also the first industrial process to apply standards

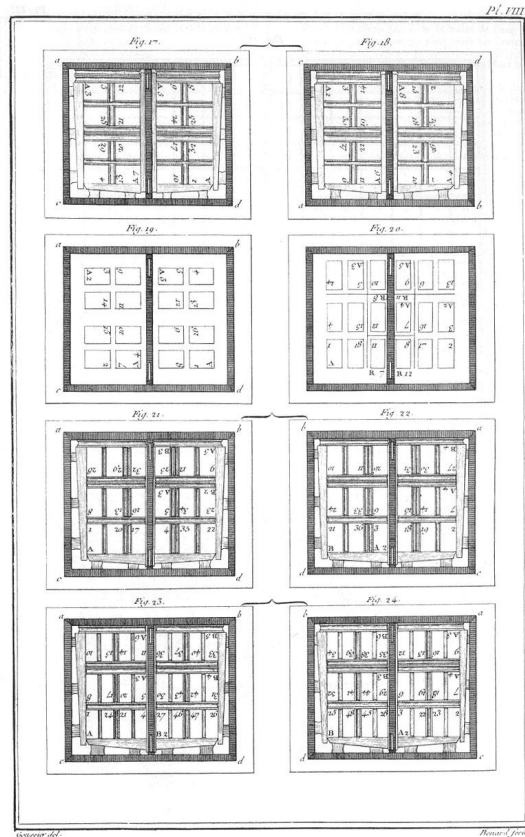


Photo from MAINZ of book pages





# Publishing standards have become part of our common vocabulary



UPPER-CASE

lower-case

Photo: [Maggie McCain](#) - Flickr: [PB103474](#)





# Even the English language has been standardized because of publishing



Ben Franklin's *A Scheme for a new Alphabet and a Reformed Mode of Spelling*  
 “color” is how you spell “colour”

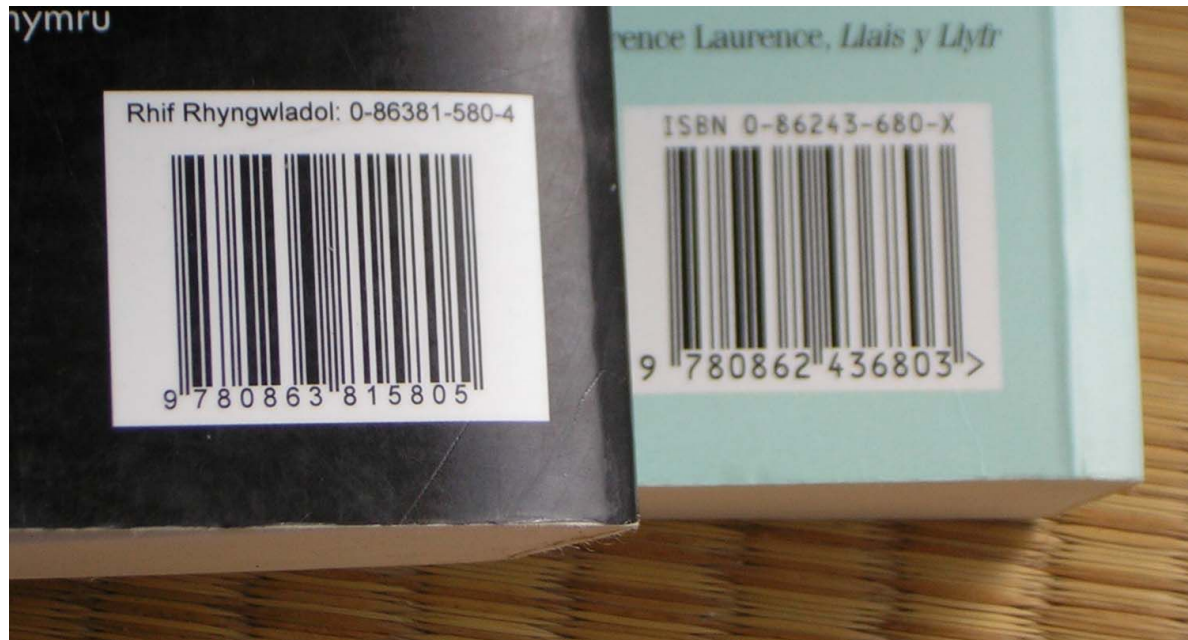
Franklin's Phonetic Alphabet

<i>a</i>	<i>b</i>	<i>d</i>	<i>e</i>	<i>f</i>	<i>g</i>	<i>h</i>	<i>i</i>
a	b	di	e	ef	gi	huh	i
[æ]	[b]	[d]	[ε/eɪ]	[f]	[g]	[h]	[i/i/]
<i>k</i>	<i>l</i>	<i>m</i>	<i>n</i>	<i>o</i>	<i>p</i>	<i>r</i>	<i>f/s</i>
ki	el	em	en	o	pi	r	es
[k]	[l]	[m]	[n]	[ou]	[p]	[r]	[s/z]
<i>t</i>	<i>u</i>	<i>v</i>	<i>z</i>	<i>ca</i>	<i>y</i>	<i>h</i>	<i>η</i>
ti	u	ev	ez	uh	edh	ing	
[t]	[u/u:/w]	[v]	[z]	[ʌ]	[θ]	[ŋ]	
<i>h</i>	<i>h</i>	<i>th</i>	<i>dʰ</i>	<i>hu</i>	<i>yi</i>	<i>cu</i>	<i>ee/e</i>
ish	eth	ch	age	why	eye	house	late
[ʃ]	[θ]	[tʃ]	[dʒ]	[hw]	[ai]	[au]	[ei]
<i>eer</i>	<i>yr</i>	<i>ii</i>	<i>ci</i>	<i>ar</i>	<i>zʰ</i>		
their	learn	stream	destroy	for	measure		
[eər]	[ɜ:r/ər]	[i:]	[ɔɪ]	[ɔr]	[ʒ]		





# Not forgetting the ISBN (International Standard Book Number)





# Publishing has changed a lot in 400+ years



Image: [Walters Art Museum](#)

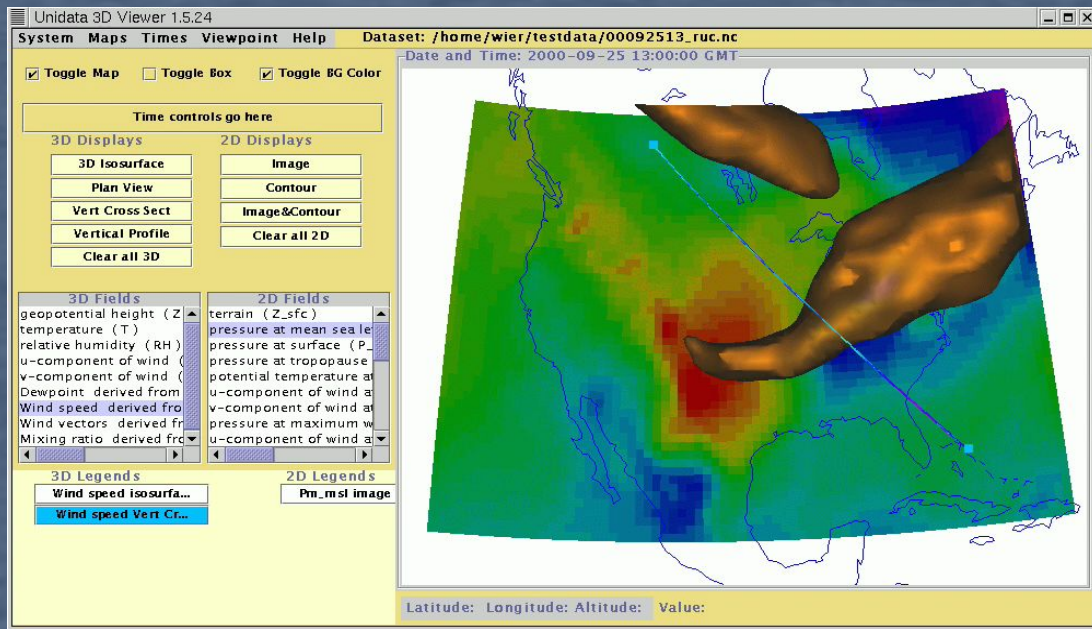


Image: [Domenico, Caron, Davis, et al.](#)



# Standards grease the wheels of information creation and dissemination





# What do you think of when you think about NISO?

Go to <https://menti.com> and use code 54 16 84 to share one or two words or phrases that come to mind when you think of NISO





All about...

**NISO**



How the information world

CONNECTS



# Who participates in NISO?





# NISO Leadership Team





# What does NISO do?

- **Creates, publishes, and maintains** standards and best practices
- **Fosters adoption** of existing standards
- **Educates** the community on information and technology-related issues
- **Incubates** thought leadership activities to advance technology







# Key standards and recommended practices in NISO's portfolio

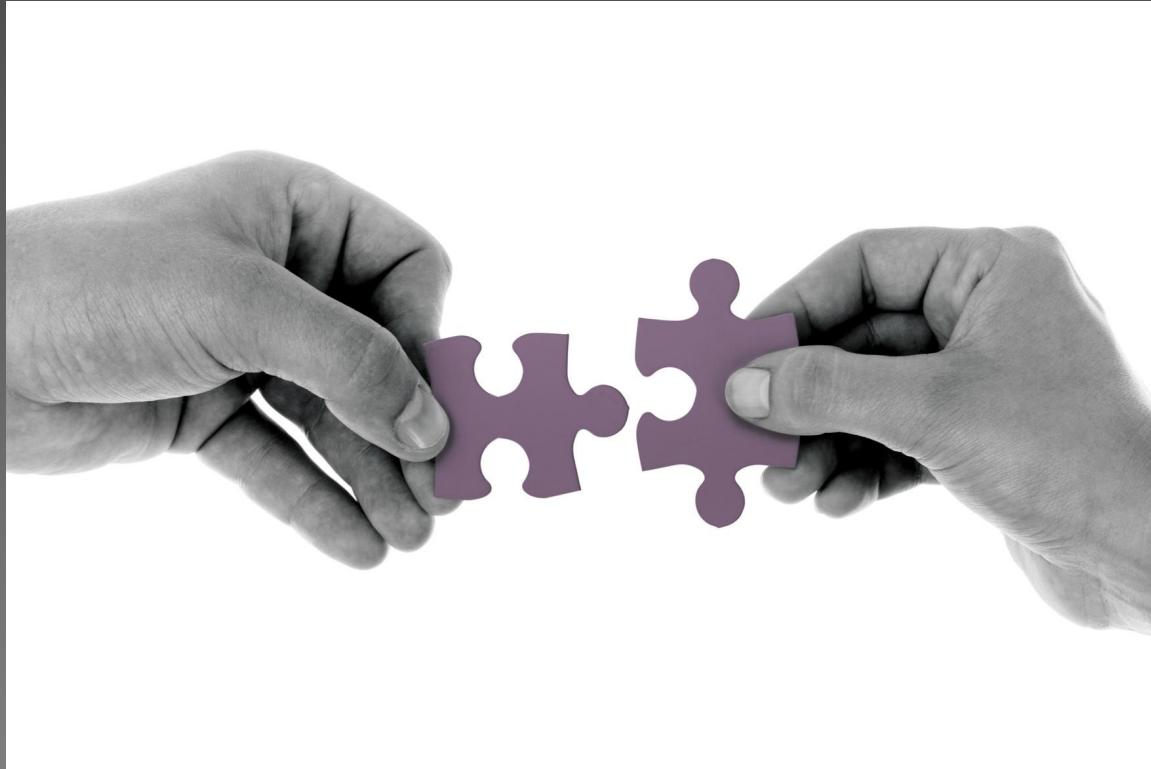


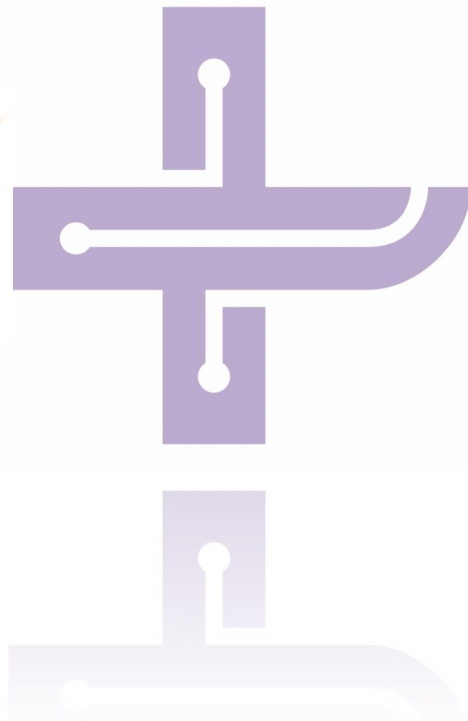
- ISSN
- ISBN
- Country codes
- DOI
- MARC record format
- OpenURL
- KBART
- SUSHI and COUNTER schema
- Indexing methods
- Ontology creation

- JATS
- SERU
- DAISY — accessibility
- Licensing
- RFID in libraries
- Paper and ink permanence
- Privacy policies
- Research data publishing
- Assessment and altmetrics
- RA21 — access control



# NISO standards connect the pieces in information distribution so they work







# NISO+PLUS 2020

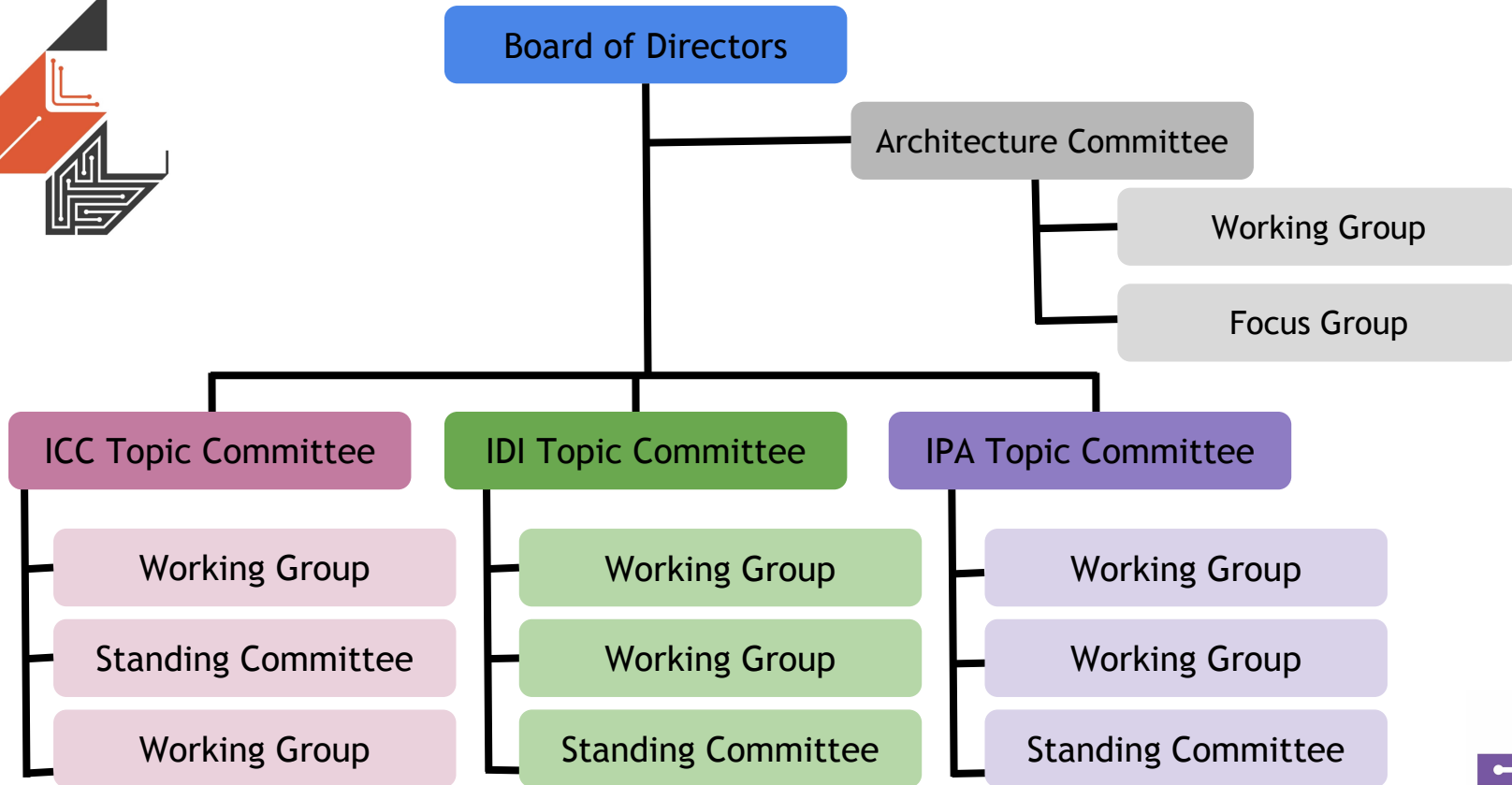
ENVISION + INNOVATION





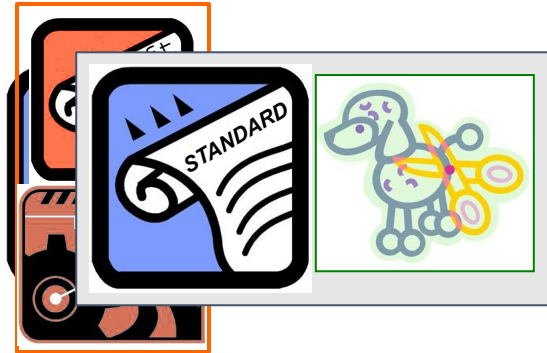
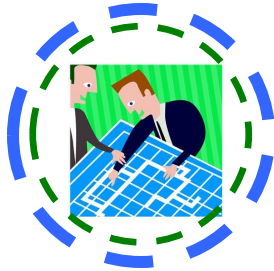
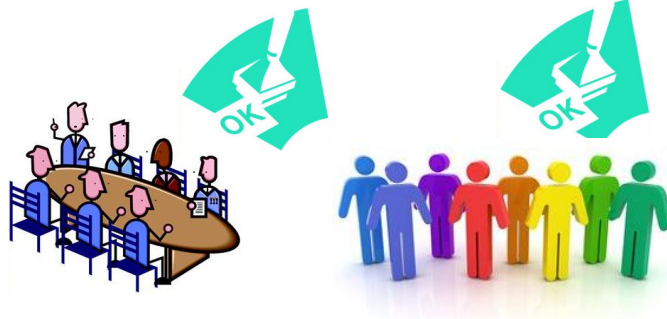
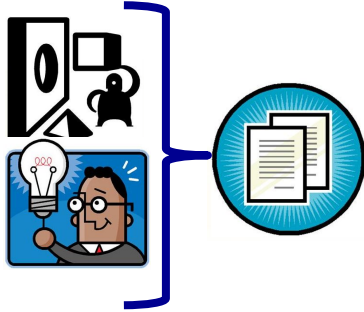
How does NISO get its work done?







# The standards creation process





## NISO Recommended Practice

Working Group

NISO Topic Committee

**NISO RP-##-2020**

## ANSI/NISO Standard

Working Group

NISO Topic Committee

NISO Voting Members Voting  
Pool (Balanced)

ANSI Board of Standards  
Review

**ANSI/NISO Z39.###-2020**





Do you have any questions about  
the process?

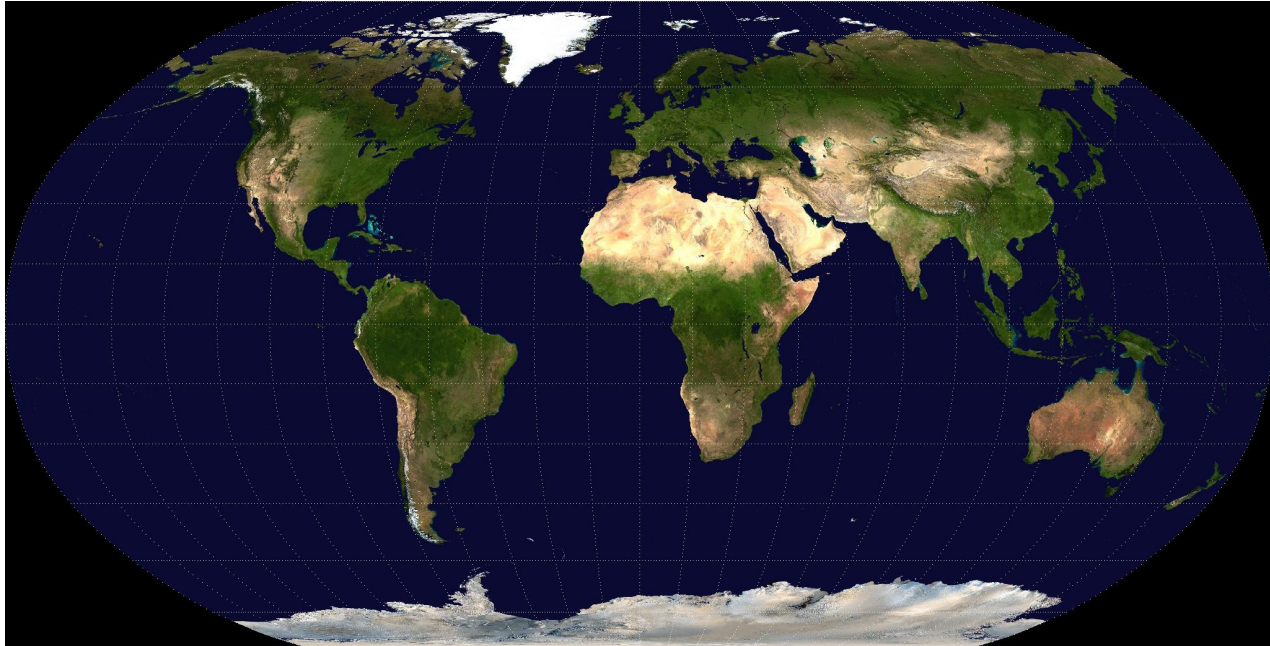




# How NISO engages internationally



It's a big world and it needs standards

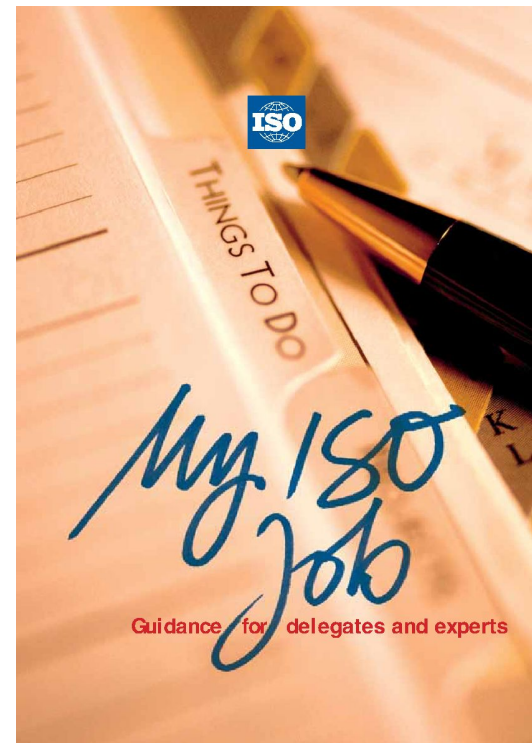




# ISO TC 46

## Information and Documentation

- Technical interoperability (SC 4)
- Statistics and performance evaluation (SC 8)
- Identification and description (SC 9)
- Document storage and preservation (SC 10)
- Archives/records management (SC 11)





ISO/TC 46

# ISO/TC 46/SC 9

## Identification and description

### ABOUT

**SECRETARIAT:** [ANSI](#)Committee Manager: [Mr Todd Carpenter](#)Chairperson (until end 2020): [Ms Stella Griffiths](#)ISO Technical Programme Manager (TPM): [Mme Patricia Cook](#)ISO Editorial Programme Manager (EPM): [Mrs Martha Casantos](#)

Creation date: 1987

### QUICK LINKS

[WORK PROGRAMME](#)

Drafts and new work items

[WORKING AREA](#)

on ISO/TC and Public information folder

[ISO ELECTRONIC APPLICATIONS](#)

IT Tools that help support the standards development process

25

**PUBLISHED ISO STANDARDS\***

under the direct responsibility of ISO/TC 46/SC 9

5

**ISO STANDARDS UNDER DEVELOPMENT\***

under the direct responsibility of ISO/TC 46/SC 9

29

**PARTICIPATING MEMBERS**

16

**OBSERVING MEMBERS**

\* number includes updates

**STRUCTURE**[LIAISONS](#)[MEETINGS](#)

REFERENCE	TITLE	TYPE
ISO/TC 46/SC 9/AHG 1 	RA planning	Working group
ISO/TC 46/SC 9/AHG 2 	ISTC AdHoc Review Group	Working group
ISO/TC 46/SC 9/WG 5 	International Standard Serial Number (ISSN)	Working group
ISO/TC 46/SC 9/WG 14 	Description and presentation of rights information	Working group





# SC9 Identifier Standards Portfolio

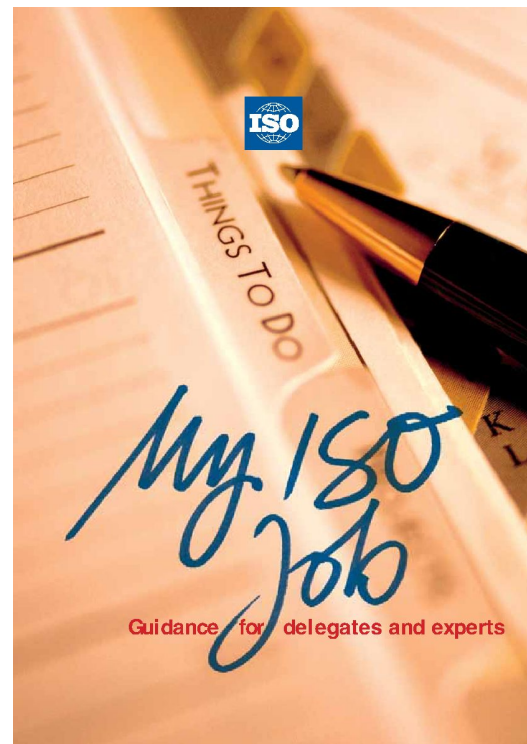
- [ISO 10957:2009](#) Information and documentation — International standard music number (ISMN)
- [ISO 15706-1:2002](#) Information and documentation — International Standard Audiovisual Number (ISAN) — Part 1: Audiovisual work identifier
- [ISO 15707:2001](#) Information and documentation — International Standard Musical Work Code (ISWC)
- [ISO 17316:2015](#) Information and documentation — International standard link identifier (ISLI)
- [ISO 20247:2018](#) Information and documentation — International library item identifier (ILII)
- [ISO 21047:2009](#) Information and documentation — International Standard Text Code (ISTC)
- [ISO 2108:2017](#) Information and documentation — International Standard Book Number (ISBN)
- [ISO 26324:2012](#) Information and documentation — Digital object identifier system
- [ISO 27729:2012](#) Information and documentation — International standard name identifier (ISNI)
- [ISO 27730:2012](#) Information and documentation — International standard collection identifier (ISCI)
- [ISO 3297:2017](#) Information and documentation — International standard serial number (ISSN)
- [ISO 3901:2019](#) Information and documentation — International Standard Recording Code (ISRC)





# NISO and International Standards

- NISO represents United States interests to ISO in the areas of Information and Documentation (ISO TC 46)
- Document processing languages (ISO/IEC JTC1/SC34)





# What's special about what we do?

We bring together different stakeholders from across the community to ensure NISO standards and recommended practices reflect their different perspectives





# Our values



- **Transparent and open**
  - Written procedures, including right to appeal
- **Community-led**
  - 500+ volunteers including Board, working groups, and committees
- **Equitable — balance between stakeholder groups**
  - No single interest category constitutes a majority of any working group/committee, etc
- **Collaborative and consensus-driven**
  - Members vote on all new work items, draft proposals, etc.
- **Inclusive — consideration of all views**
  - Members and non-members can have a say; all comments responded to



# Our members



- **Voting Members (c100)**
  - Commercial and not-for-profit
  - Publishers, libraries, service providers
- **Library Standards Alliance Members (c120)**
  - Libraries, consortia
- **Publishers/information providers**
  - Academic, trade, media
- **Libraries**
  - Academic, public, consortia
- **Third party service providers**
  - Content platforms, M/S systems, library systems, more!
- **Other information community members**
  - Government organizations, technical info centers, more!





# Why to join NISO



- **Learn!** Free registration for all NISO webinars and discounted registration for all other NISO events
- **Participate!** Volunteer for multiple NISO committees and WGs, and for applicable ISO Technical Working Groups (U.S.-based Voting Members only)
- **Vote!** On new work items, International Standards activities, Board elections, and governance issues
- **Benefit!** From inclusion in the NISO membership page, and in standards published while you're a member. Plus we'll highlight your news in our own newsletter!







Why should I care about what  
NISO does?



**Athena Hoepfner**  
Electronic Resources  
University of Central Florida

## Co-chairs

**Barbara Chen**

(Retired) Director of Bibliographic Information Services and Editor, MLA  
International Bibliography  
Modern Language Association (MLA)

**Violaine Iglesias**

CEO & Co-founder  
Cadmore Media, Inc.

**Bill Kasdorf**

Principal  
Kasdorf and Associates, LLC.

## Members

**Jennifer Bazeley**  
E-Resources Metadata  
Yale University

## Co-chairs

**Laura Morse**

Director, Library Systems & Support  
Harvard University

**Sarah Brennan**

Principal  
Alexander Street

**Tino**  
Product  
Atypo

## Co-chairs

**Christopher C**

Director of Inter  
Queens Library

## Members

**Scott Bernier**

Senior Vice President, Marketing  
EBSCO Information Services

**Rachel Kessler**

Product Manager  
ProQuest

**Lau**  
Senior  
Pro

## Members

**Michael Black**

Director  
St. Mary's County Library

**Marshall Breeding**

Consultant; Creator and Editor  
Library Technology Guides

**Noah Brubaker**

Private Academic Library Network of Indiana (PALNI)

**M**  
Li  
Jo

**Jeremy Nelson**

Infrastructure Software  
Stanford University

**Jay Holloway**

Product Manager  
OCLC

**Geoffrey Morse**

Northwestern University Libraries

**R**  
Li  
Jo

**Joe Schulkins**

Systems Librarian  
University of Liverpool

**Don Sechler**

Web of Science Product Development  
Clarivate Analytics

**Maria Stanton**

Director of Production  
American Theological Library Association (ATLA)

**Núria Ruiz**

Product and Services Manager  
EDINA

ATYPON

**Ken Varnum**

Senior Program Manager for Discovery, Delivery, and Learning Analytics,  
University of Michigan Library

**Julie Zhu**

Manager, Discovery Service Relations, Marketing, Sales & Design  
IEEE

**Andrew Walker**

Data Strategist  
Oxford University Press

**Geoffrey Wood**

Metadata Librarian  
Rutgers University

**Hester Tilbury**

Publisher - Medicine & Life Sciences  
SAGE Publications

SCELC (Statewide California Electronic Library Consortium)



# Examples of people who work on NISO projects





# How can I get involved?

- **Comment** on documents during public review period
- **Share** your ideas for new standards and best practices
- **Join** a Working Group
  - Contribute to a group through your ideas and expertise
- **Serve** on a NISO Standing Committee
  - Support standards through continuous improvement and marketing
- **Volunteer** for other committees (Education, Topic Committees)





Quiz - how much do you  
know about NISO now?





Roughly how many members does NISO have?

- a) 150
- b) 190
- c) 220
- d) 250





What is the most recent work  
item proposal to be approved by  
NISO voting members?

MECA  
CRedit  
FASTEN







# Which of the following is NOT a NISO member benefit?

- a) Voting on new work items
- b) Commenting on draft standard/  
recommended practice proposals
- c) Free attendance at NISO webinars
- d) Participating in more than one NISO  
working group/committee





What are the two types of NISO membership?

Bonus question: How do they differ?





Is NISO a national or an international organization?





What are NISO's three main stakeholder groups?





Which organization did NISO  
merge with in 2019?





# Elevator Pitch Exercise

Now that you know a bit more about  
NISO...

Take a few minutes to work in groups of  
two to three and come up with a  
30-second elevator pitch





# We're here to help!

If you have any questions or concerns about NISO — or want more information, please contact us:

Todd A. Carpenter - [tcarpenter@niso.org](mailto:tcarpenter@niso.org)

Nettie Lagace - [nlagace@niso.org](mailto:nlagace@niso.org)

Alice Meadows - [ameadows@niso.org](mailto:ameadows@niso.org)

Jason Griffey - [griffey@niso.org](mailto:griffey@niso.org)

Jill O'Neill - [joneill@niso.org](mailto:joneill@niso.org)

Kimberly Graham - [kgraham@niso.org](mailto:kgraham@niso.org)

Sara Groveman - [sgroveman@niso.org](mailto:sgroveman@niso.org)

General inquiries: [nisohq@niso.org](mailto:nisohq@niso.org)

