

17th International Conference on Grey Literature
A New Wave of Textual and Non-Textual Grey Literature
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Public Interest in Accessing the INIS Collection

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Presentati
on

Public Interest in Accessing the INIS Collection

Who

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Why?

- Subject coverage
- Type of documents
- Uniqueness

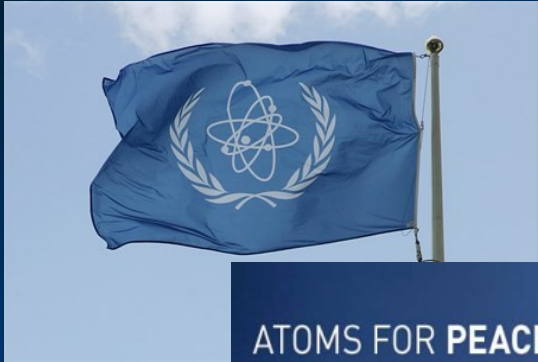
Use analytics to confirm this and to challenge and improve services!



Presentation at a glance

- International Atomic Energy Agency (IAEA)
- IAEA nuclear information goals
- International Nuclear Information System (INIS)
- INIS repository
- INIS collection by subject
- INIS collection by record types
- Collection uniqueness
- Access analytics
- Conclusions

International Atomic Energy Agency (IAEA)



1957



165



2300
100

Promote safe, secure and peaceful uses of nuclear technologies



IAEA nuclear information goals

- **Foster the exchange**
of STI on the peaceful use of nuclear science and technology
(collect, process, preserve, disseminate)
- **Increase awareness**
of the importance of managing nuclear information resources
- **Assist with capacity building and training**
- **Provide information services and support to Member States**

International Nuclear Information System (INIS)

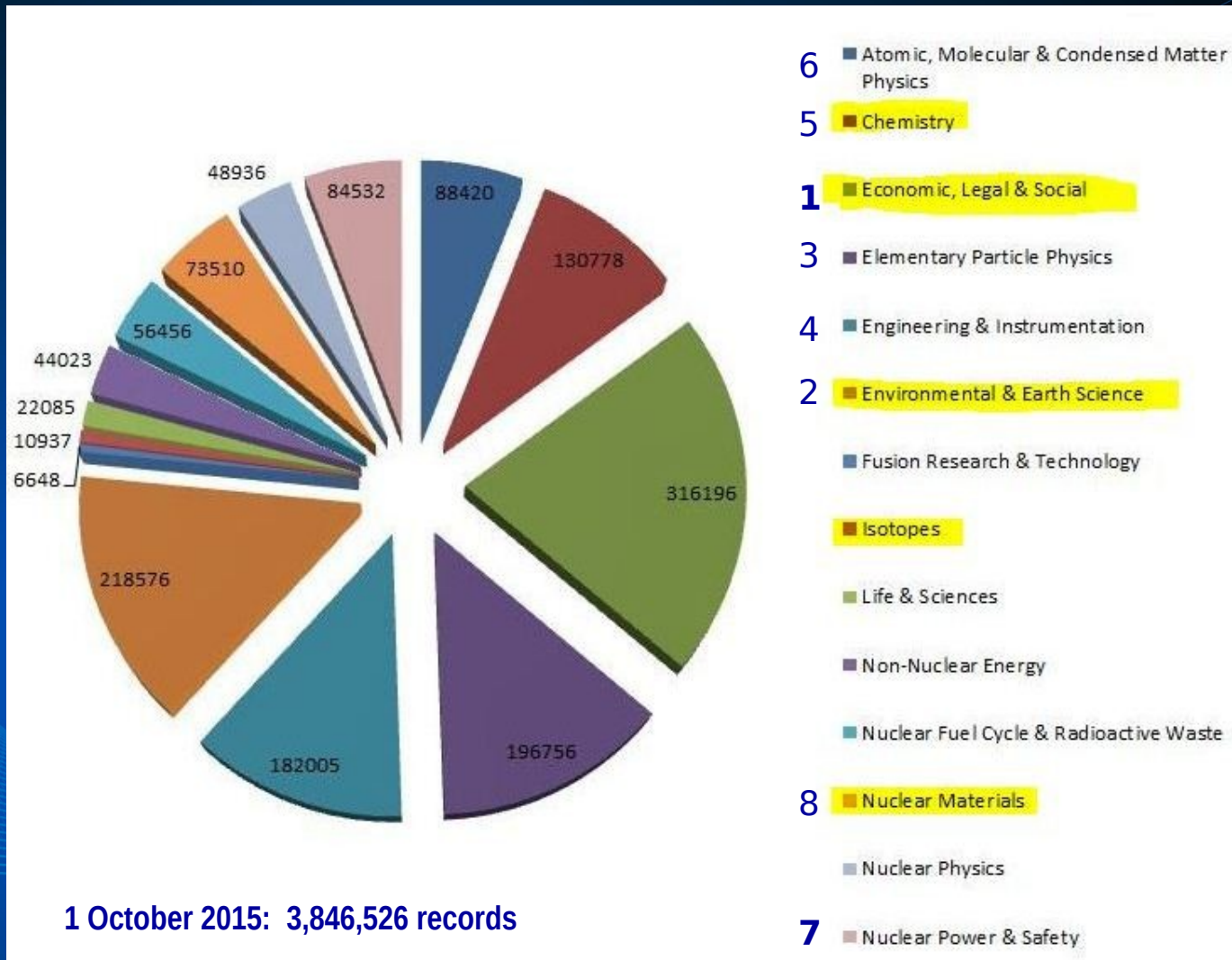
- NCL in the field of nuclear science and technology
 - IAEA 1970
 - 130 states and 24 international organizations
 - The role:
 - **To collect and process**
metadata & full-texts of nuclear literature
 - **To preserve**
NCL (documents, reports, & other full-text publications)
 - **To disseminate**
publications from the INIS repository free of charge to all Internet users
- Free, open and unrestricted web access since April 2009

iaea.org/inis

INIS repository

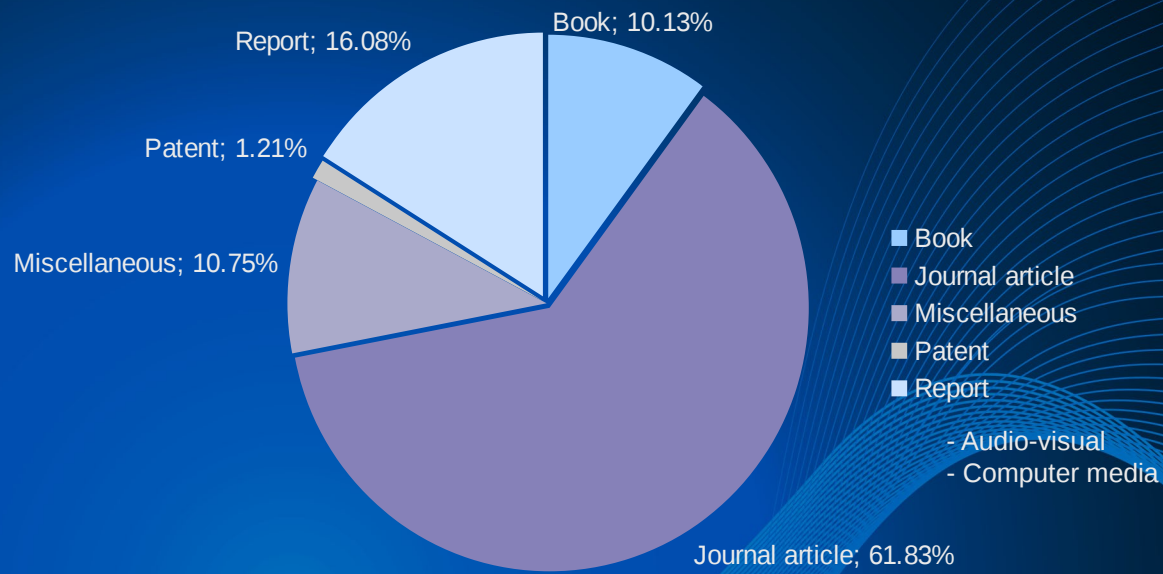
- **Status on 1 October 2015:**
 - 3,846,526 bibliographic records
 - 1,020,000 full-text documents
(750,000 INIS & 320,00 other sources)
- **Average annual input over 115,000 records**
- **Visits to iaea.org/inis (2015)**
 - Over 1 million sessions
 - Over 2 million pageviews
 - 2 pages per session
 - 61% bounce rate (single page visits)
 - 30% returning visitors
 - US, India, UK, Germany, Japan, France, South Korea, Canada, Brazil
- **Downloads**
 - 2014: 423,000
 - 2015: 100,000 ICS + 1.5 million through Google
- **Search terms**
 - Nuclear reactors; radioactive waste; environment; Fukushima; accidents

INIS collection by subject



49 subject categories grouped into 14 subject areas

INIS collection by record type



1 October 2015: 3,846,526 records

73% vs 27%

Collection uniqueness

- Not indexed by commercial database providers
(Web of Science, EBSCO, Science Direct, ProQuest, etc.)
 - 80 % of the collection is not in Google
 - Google.com search for terms:
 - Radiology (62*) (20%, only 1 extra link)
 - Reactor safety (S21*) (10%, only 1 extra link)
 - Radiation protection (61*) (10%, only 1 extra link)
- allintitle: "xxx"
filetype:pdf
-site:iaea.org
-site:worldwidescience.org
-site:google.com

ICS exact phrase + full-text

*S61 & S62 Life sciences

*S21 Nuclear power and safety

Access analytics

- Status on 1 October 2015:
 - 3,846,526 bibliographic records
 - 1,020,000 full-text documents (750,000 INIS & 320,000 other sources)
- Average annual input 120,000+
- Sessions: 1 million
- Page views: 1.9 million
- Users: 726,000 (30% new visitors)
- Bounce rate (single page entry): 61%

- Downloads through ICS 100,000
- Downloads through Google.com 1.5 million
- Total downloads 1.6 million
- Most downloaded documents:
 - Radiology & nuclear medicine
 - Reactor safety
 - Radiation protection

Access analytics (cont.)

INIS Collection access statistics by document

type

	# of records (3,856,529)	% of the collection	# of records accessed	% of records accessed	# of accesses (1,296,607)	% of all accesses
Journal article	2,386,933	61.89%	108,074	4.53%	500,342	38.58%
Report	618,619	16.04%	60,260	9.74%	266,194	20.53%
Misc.*	406,386	10.54%	44,159	10.87%	211,731	16.33%
Book	390,067	10.11%	35,944	9.22%	304,192	23.46%
Patent	46,429	1.20%	2,212	4.76%	7,546	0.58%
Multimedia	7,829	0.20%	1,284	16.40%	6,498	0.50%
Obsolete types**	266	0.00%	19	7.14%	104	0.00%

27.78%

27.44%

* Miscellaneous: theses, pamphlets, brochures, conference proceedings

** Obsolete: G:Maps; F: Audio-visual materials; C: Conference

Conclusions

- Open access collections/DB bring huge number of users
- Specific subject related coverage attracts special user groups (edu, gov)
- Most frequently downloaded documents are NOT from the most populous parts of the collection
- 80% of the INIS Collection is unique
- If NCL available from other sites, it is usually only the originator's website
- Access to NCL is directly proportional to their representation in the collection
- Users are looking for information irrelevant of its form

True life is lived when tiny changes occur!

Leo Tolstoy

**Thank
you!**