



# Status of references collection project for EXFOR

## Overview and progress

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## Scope

**Collecting References:** Electronic copies from first references of EXFOR entries from journals, reports and thesis

**Challenges:**

- Difficulties in obtaining thesis and foreign reports
- Correcting wrong references (publication years, paper numbers/and page numbers)

**Current Focus:** Matching PDFs to entries for internal EXFOR webpage visibility.



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# PDF Matching Process

## Importance

- EXFOR is not a bibliographic system
- Ensure accurate references and ease of access on the EXFOR webpage.

## Current Method

- Renaming files to match entries as a temporary solution
- Developing new tools

## Goals:

- 100% coverage
- correct file naming per manuals “EXFOR Formats” (pg. 7.27) for efficiency and accuracy



## EXFOR-NSR PDF database

Database updated: 2024-12-05. Files: 228088 from 2000-04-19 to 2024-12-04.

-	-	-	-	-	-	1857:1	1858:2	-	-	[1851-1858]:3
-	-	-	-	-	1896:3	-	1898:6	1899:2	1900:4	[1891-1900]:15
1901:1	1902:4	1903:8	1904:8	1905:9	1906:4	1907:9	1908:6	1909:3	1910:7	[1901-1910]:59
1911:7	1912:4	1913:8	-	-	-	1917:4	1918:5	1919:3	1920:9	[1911-1920]:40
1921:15	1922:9	1923:8	1924:11	1925:5	1926:2	1927:7	1928:18	1929:15	1930:18	[1921-1930]:108
1931:33	1932:32	1933:38	1934:68	1935:79	1936:89	1937:107	1938:99	1939:144	1940:117	[1931-1940]:806
1941:86	1942:39	1943:95	1944:172	1945:110	1946:189	1947:269	1948:230	1949:403	1950:558	[1941-1950]:2149
1951:610	1952:606	1953:628	1954:781	1955:842	1956:949	1957:990	1958:1351	1959:1236	1960:1664	[1951-1960]:9657
1961:1812	1962:1775	1963:2105	1964:1843	1965:2067	1966:2294	1967:2490	1968:2706	1969:3013	1970:3736	[1961-1970]:23841
1971:4113	1972:4923	1973:5667	1974:4644	1975:3965	1976:3923	1977:3722	1978:3742	1979:3521	1980:3565	[1971-1980]:41785
1981:3383	1982:3584	1983:3600	1984:3573	1985:3142	1986:3456	1987:3518	1988:3395	1989:3403	1990:3325	[1981-1990]:34359
1991:2835	1992:3095	1993:3347	1994:4260	1995:4024	1996:3986	1997:3885	1998:4185	1999:4326	2000:4311	[1991-2000]:38254
2001:4616	2002:4886	2003:4553	2004:4833	2005:5040	2006:4324	2007:5033	2008:4030	2009:3914	2010:3654	[2001-2010]:44883
2011:4036	2012:3722	2013:3514	2014:3670	2015:3109	2016:3600	2017:3620	2018:2720	2019:2532	2020:438	[2011-2020]:30961
2021:368	2022:358	2023:233	2024:206	2025:3						[2021-2025]:1168

Total years:128, files:228088

Full volumes: [\[Conf.proc. & Books\]](#) [\[Theses\]](#) [\[Reports\]](#)

Checking mode //contributions to NSR-PDF

PDF coverageundefined

Database	#PDF/#References	#PDF+	Total #PDF+	Todo #PDF
NSR	191,632/243,751 ~78.6%	+2,169 ~0.9% from EXFOR	193,801 ~79.5%	49,950 ~20.5%
EXFOR	28,918/36,321 ~79.6%	+2,018 ~5.6% from NSR	30,936 ~85.2%	5,385 ~14.8%
CINDA	14,929/39,811 ~37.5%			

Page generated: 2024-12-06,08:10:48 by X4Servlet on localhost [fwd:nds121-new.iaea.org]

Project: "Multi-platform EXFOR-CINDA-ENDF", V.Zerkin,IAEA-NDS, 1999-2023

Request from: 127.0.0.1 [fwd:161.5.149.121]



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## Ongoing Tasks

**Checking PRELIM files:** Ensuring references are available to avoid future accumulation of missing references.

**Soft Copy Availability:**

- Thesis and Private Communication difficult to obtain

**Submission Process:** submission of PDFs not found in EXFOR for verification and inclusion.

## Tool Implementation

- **New tools:** in preparation, testing the system currently, simplified process.
- **Impact:** Increased efficiency and visibility



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## Collaborative Effort

### Welcome Assistance

contributions and suggestions for improvement.

### Future Focus:

- Exploring new areas, especially matching NSR key numbers with EXFOR entries.
- NDS assigning doi s to the INDC reports – possible collaboration with BNL?



**Thank you for continuous support  
and contributions.**

**We appreciate feedback for future  
improvements.**