International Atomic Energy Agency

International Nuclear Information System

35 Years of Successful International Co-operation

T.Atieh, C.Krieger-Levine, A.Tolstenkov, R.Workman

Seventh International Conference on Grey Literature Nancy, France, 5-6 December 2005

International Nuclear Information System
Established in 1970

The first international computerized system on
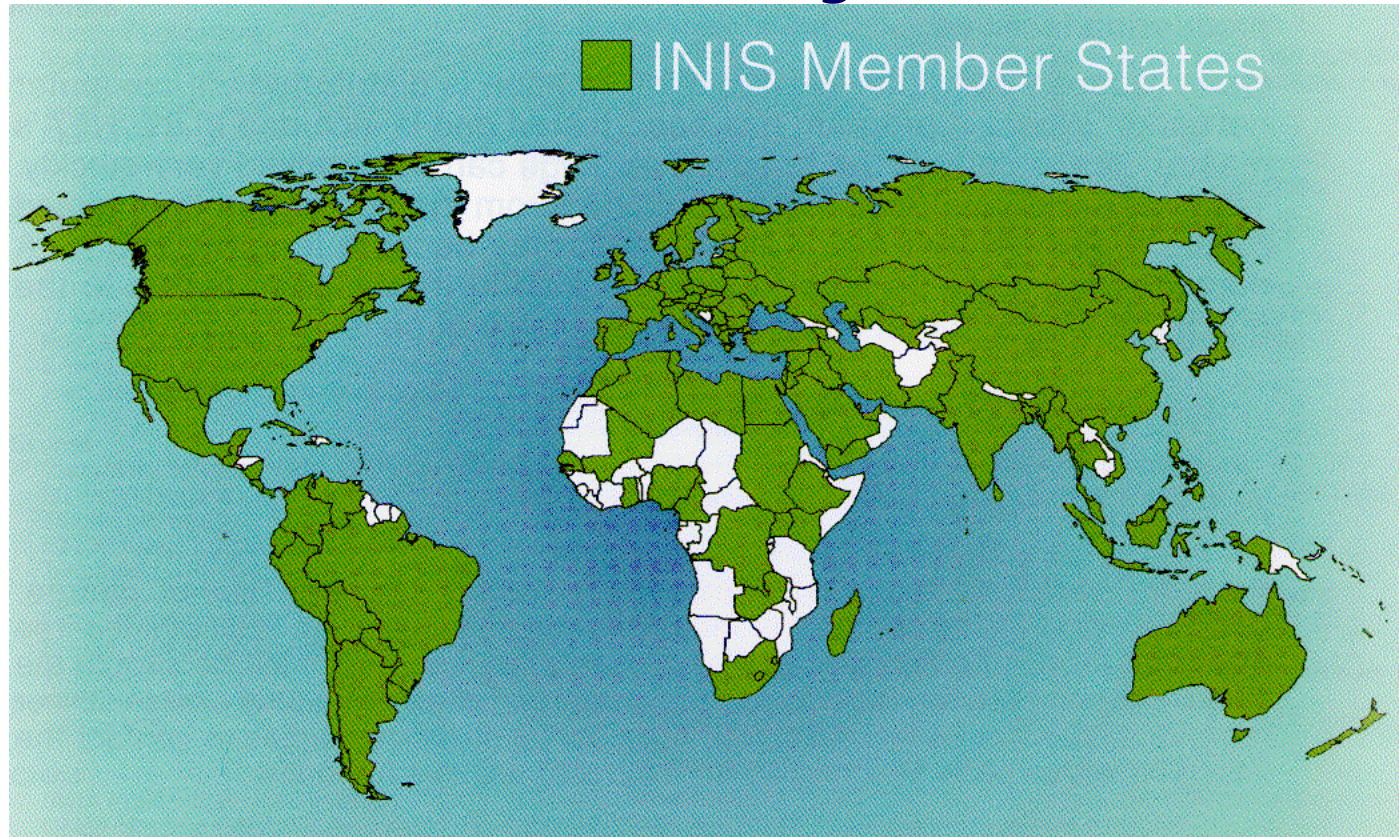**peaceful uses of nuclear science and technology**

A pioneer in the area of nuclear knowledge preservation

http://www.iaea.org/programmes/inis/products/ncl.htm

International Nuclear Information System

INIS Membership:

114 Member States
20 International Organizations

INIS Member States

International Nuclear Information System

Philosophy

- **International Co-operation**
- **Decentralized Responsibilities**
- **National Focal Point: National Liasion Officer**
  - **collect literature**
  - **process in compatible way**
  - **input to the System**
  - **output distribution**
- **Central Co-ordinator: INIS Secretariat**
  - **guidelines, rules, formats**
  - **authorities**
  - **quality checking**
  - **output products**

International Nuclear Information System

Two Main INIS Products:

1. **INIS Bibliographical Database**
   (Over 2.6 million indexed references)

2. **INIS Full-Text Collection**
   (Over 620,000 documents in 63 languages)

International Nuclear Information System

Three Main Directions:

- **Improving Efficiency of the System**

- **Improving Access to the INIS GL Collection**

- **Developing Partnerships**

International Nuclear Information System

Improving Efficiency of the System:

- **Computer-Assisted Indexing (CAI)**

- **Automated Metadata Extracting**

- **Multilingual Thesaurus**

- **XML**

International Nuclear Information System

Improving Access to the INIS GL Collection:

- ### Digitization of the INIS Microfiche

- ### Direct Access to full-texts

- ### INIS Document Delivery Network

- ### DOI & PURL Technologies

- ### Advanced Retrieval Technology

- ### Multilingual Support

International Nuclear Information System
Developing Partnerships:

- **INIS National Centres**

- **Digital Libraries**

- **Publishers & Information Providers**

- **ETDE, NEA, EPO**

- **Universities**

International Nuclear Information System

Future Directions in Nuclear Knowledge Preservation:

- **Preserving Web-based Information Resources**

- **Links to Nuclear Information Sources**

- **Developing Nuclear Knowledge Packages**

- Developing Topical Subsets of

International Nuclear Information System

Thank you for your attention!

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