

International Atomic Energy Agency

International Nuclear Information System

35 Years of Successful International Co-operation

T.Atieh, A.Tolstenkov, R.Workman

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

International Nuclear Information System

Established in 1970

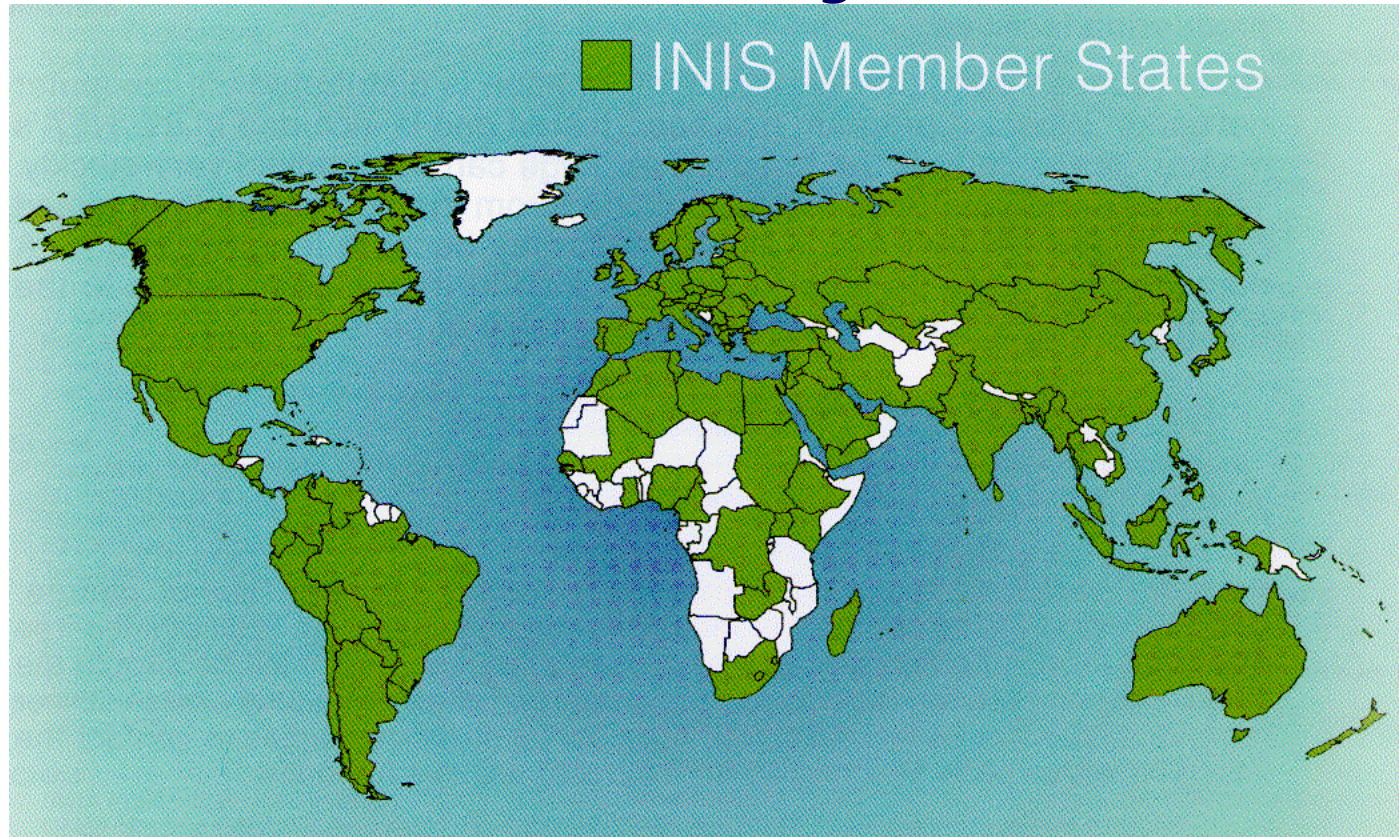
**The first international computerized system
on
peaceful uses of nuclear science and technology**

**A pioneer in the area of nuclear
knowledge preservation**



International Nuclear Information System

INIS Membership: 114 Member States
20 International Organizations



International Nuclear Information System

Philosophy

- **International Co-operation**
- **Decentralized Responsibilities**
- **National Focal Point: National Liaison 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 on 63 languages)



International Nuclear Information System

Tree 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**

