

CASE STUDIES: MANAGING NUCLEAR INFORMATION IN COLOMBIA

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SUMMARY: The advances in the managing of nuclear information in Colombia are present, this has allowed recapturing the activities starting from 1999 contributing the INIS the results of the investigations related with the AIEA mission, for benefit of the international scientific community. Thanks to the support of the directive and to my own managing, year after year the efforts are reflected, through a constant increase of the records to the INIS, like in the participation in the RRIAN in Latin America.

1. **INTRODUCTION:** In Colombia, first were the Institute of Nuclear affairs (IAN) and then by the Institute of Nuclear Sciences and Alternative Energy (INEA) who had the nuclear documental handling. In 1997 the INEA was suppressed, which had as mission the investigation, development and application of the nuclear technology with peaceful purposes, and later on in 1998 these functions were assigned to INGEOMINAS; in such a way that from then on the INGEOMINAS has assumed this role through the Mining Geologic Information Area - Data Center and Geoscientific Information Group.

2. ORGANIZATION OF THE INFORMATION

At the present time INGEOMINAS has the nuclear information and the documentation that in accordance with its nature like geologic service condenses (geology, mining, underground waters, geotechnics, and geophysics among other), however; until two years ago two libraries were established, one in the central headquarters and the other in the CAN, specialized in nuclear topics, both with headquarters in Bogotá

3. PRESERVATION OF NUCLEAR INFORMATION

Once the documentation was organized in the two Documental Center (Library and Technical Documents) contracts have been made in order to digitalize the Technical Reports (texts and maps) stored in the Center of Technical Documents; in such a way that today we have approximately 80% of the technical documents in digital format

4. DATA BASE

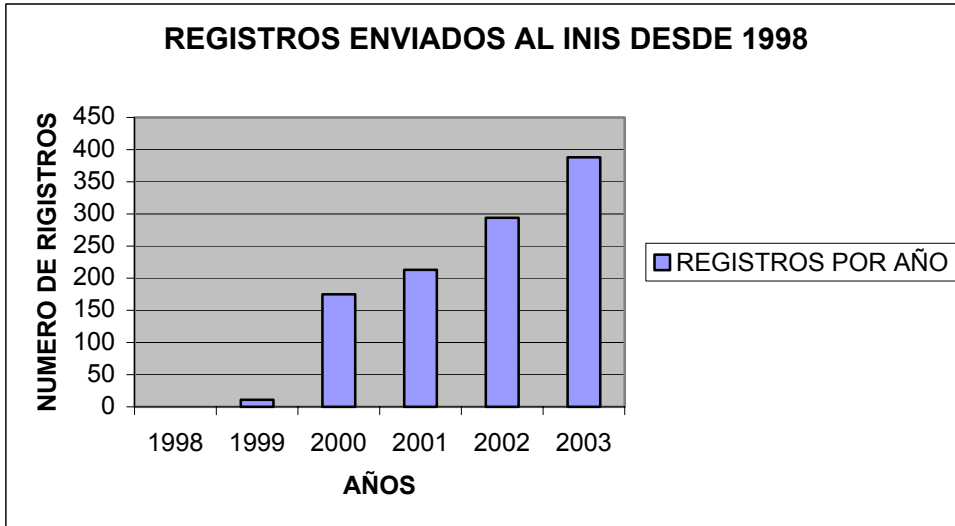
The technical reports are indexed in the documental database; denominated SERMIN (Metadata service) and it can be seen through Internet (www.ingeominas.gov.co) or Intranet. The books, congresses memories, thesis, magazines and other materials related to nuclear topics located in the library, are not still indexed in the documental database, but for this year we plan to hire with a company the realization of the metadata and their later placement in Internet and Intranet.

5. INIS ACTIVITIES

The Institute of Nuclear Sciences and Alternatives Energy-INEA, assumed the INIS activities and later on for INGEOMINAS in 1998; on the other hand Colombia had Liaison Officer up to 1994 and it sent records up to 1992. Starting from 1999 INGEOMINAS reactivated the activities and compromises with the International Atomic Energy Agency-IAEA; a new INIS - Liaison Officer was named and restarted the shipment of records to the INIS System in Vienna; as well as promotion and spreading of its activities, these and other activities are carried out from then on.

Magazine as Noos, Faculty of Engineering, Science Technology and Future, Colombian Magazine of Chemistry, Magazine of the Colombian School of Engineering, Oil Letter and others that are received by exchange, with inherent topics to the IAEA mission, are analyzed in the institute and magazines related to medicine topics, agronomy and environment, are

requested in loan by other institutions, several of the articles of these magazines are indexed to the INIS: The next figure shows the number of records, sent to the INIS by Colombia from 1998 up to December 2003



YEAR	1998	1999	2000	2001	2002	2003
RECORDS	0	11	175	213	294	388

NOTE: for the years 2002 and 2003, 52 and 49 backlogs are included respectively

6. PROMOTIONAL MATERIAL

From 1999 we have been receiving from the IAEA, pamphlets allusive to the INIS, which are distributed in workshops, seminars, events and the service to the client office, to people and entities that visit us, diffusion is also made by means of the INGEOMINAS WEB site, of its products and services.

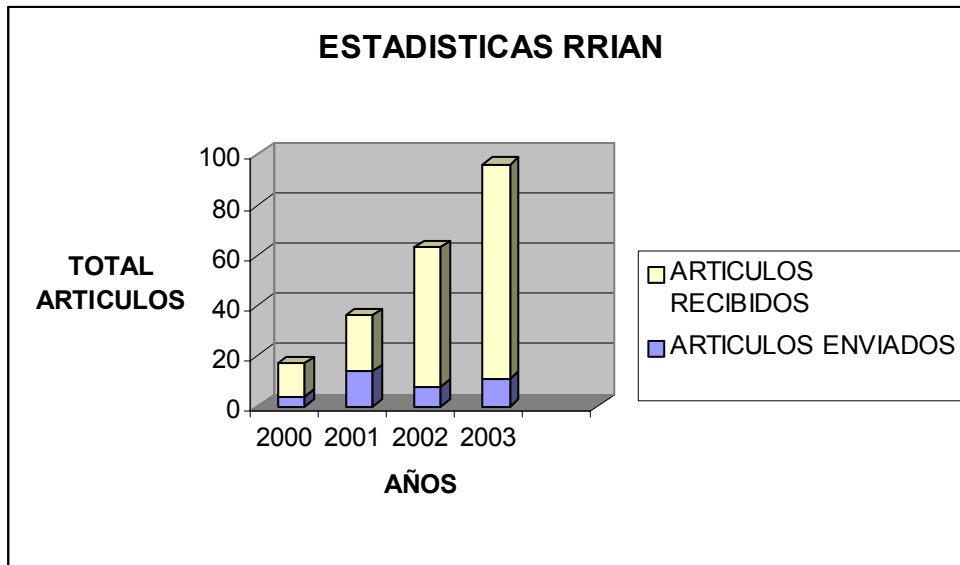
7. RRIAN

The Regional Net of Information of the Nuclear Area in Latin America and the Caribbean-RRIAN; has allowed us to assure the cooperation between the Information Units and their permanency in the time, as well as their strengthening in provide technical information to our Scientifics, professionals and students

The readiness of nuclear information in the countries of the region was enlarged, sharing the resources of the different Information Units belonging to the net, by means of the use of specialized software, Internet, electronic mail, fax and postal mail.

Colombia was strengthened the same as the others Information Units, belonging to the RRIAN, optimizing its management by means of training, equipments and of software.

RELATION OF ARTICLES SENT AND RECEIVED DURING YEARS 2000 - 2003



YEAR	SENT	Articles	RECEIVED Articles
2000	4		13
2001	14		22
2002	8		55
2003	11		85

8. CONCLUSIONS

The support of INGEOMINAS directives has been fundamental, to fulfill the acquired commitments with the IAEA through the INIS, facilitating the training, including the INIS activities and of the RRIAN in the annual plan of activities to carry out in the institute.

A second factor, is the exchange of publications that we have with institutions that carry out projects and researches in inherent topics to the IAEA mission, which has allowed to have access to its publications

Finally, the spreading of the INIS activities through the pamphlets and posters received from Vienna and the exchange of documents in the RRIAN, have been the key in incentive to the researches and users for benefit of the INIS, mainly using the database and lowering scientific articles