

Recommendation from the 28th and 29th INDC Meetings

(S. Simakov, N. Otsuka, 2013-04-12)

Below is an extraction of the recommendations from the Working Group 2 “Data Dissemination, International Coordination and Training” of the 28th INDC meetings (25-28 May 2010) and 29th INDC meeting (8-11 May 2012):

I. From the 28th INDC Meeting (May 2010)

1.9 Concerning CINDA/EXFOR, it is recommended that experimental data explicitly declared as “preliminary” should not be compiled in EXFOR. The IAEA will request the authors to send their experimental data; however, if the authors are reluctant to do so, the IAEA should consider just creating a CINDA entry, but no EXFOR entry.

II. From the 29th INDC Meeting (May 2012)

1. Data Dissemination

1.2 The working group would like to commend the Agency on the significant advances in the data retrieval and visualization tools developed by the NDS and strongly supports further development, in particular XML visualization format, EXFOR data renormalisation and covariance matrix generation from EXFOR uncertainties.

1.3 The working group appreciates that the large task of scanning all the INDC series documents has been completed and that those documents are now all available in electronic form from the NDS web site.

1.4 The implementation of access to the original papers, DOI numbers and various communications from the EXFOR retrieval system, with appropriate password protection, is acknowledged. Concerning laboratory reports, the working group agrees that issues concerning copyright protection may be difficult to address and that to seek permission for each and every item from the particular institution may sometimes be impractical. Nevertheless, it would like to encourage open access to those papers and reports where such permissions can be readily obtained.

1.9 The implementation of covariance matrix generation from EXFOR uncertainties is appreciated and is extremely useful. There are still some issues to consider, however, in particular the default generation of such matrices in the light of the particular assumptions implemented when a clear separation between correlated and uncorrelated uncertainties is lacking. It is important that the user should not be misled into believing that such uncertainties are adequate in situations where this is, in fact, not the case. We would also like to see this page to be more user friendly.

1.14 In order to provide continuity of services in the case of unavoidable shutdowns, the integration of services by the major data centres should be extended and synchronised so that data centres can 'back up' each other in the event of emergencies.

1.15 The NDS should consult with other data centres to determine classes of data that are unique to particular data centres and ensure adequate accessibility to such data from more than a single site.

2. Networks

2.1 Concerning the duplication of EXFOR entries, the working group is satisfied with the checking procedure but would like to recommend that the issue about cleaning the existing duplications be included on the agenda of the next NRDC meeting.

2.2 Correction of mistakes in EXFOR should be made in a timely manner by all NRDC members.

2.4 The active involvement of the NDS in the implementation and support of newer data formats, e.g. the possibilities offered by XML, should be encouraged.

4. Coordination

4.1 The working group would like to assert that the coordinating role of the NDS of the NSDD and NRDC networks is of vital importance and that this function should be continued.