ID: **P4.1-113**   Type: **e-Poster**

the "IDC Processing of SHI Data" user guide

Friday, 2 July 2021 09:45 (15 minutes)

National Data Centre (NDC) staff need to interpret International Data Centre (IDC) seismic, hydroacoustic, and infrasonic (SHI) data processing results, which requires detailed knowledge of IDC SHI data processing. Similar understanding is needed by those that want to propose new IDC SHI data processing algorithms. To find the required information, NDC staff access the "IDC Processing of SHI Data" document, a comprehensive, detailed and accurate (at the time when it was written in 2002) user guide. Unfortunately, this document is currently outdated as many techniques recently adopted by the IDC are not described in it. Furthermore, not all technologies and techniques are described at the same depth and there are some inevitable errata. To significantly update this lengthy user guide and maintain the high overall quality is no trivial endeavor. Hence, in January 2019 a platform to note problems with the document and propose fixes was made available as an NDC Forum Topic, to take advantage of the considerable collective technical expertise of the NDC staffs. In this presentation we will provide an introduction to the platform, review results that have been entered so far, and discuss the path forward to producing an updated version of the document.

Promotional text

This presentation supports the conference goal to identify opportunities and methods for improving nuclear test monitoring and verification. Our NDC Forum platform allows States Parties experts to assist the IDC by noting issues with the IDC waveform data processing document.

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Session Classification: T4.1 e-poster session

Track Classification: Theme 4. Performance Evaluation and Optimization: T4.1 - Performance Evaluation and Modelling of the Full Verification System and its Components