Follow-up on metadata synchronization issues discussed at the TT-GISC meeting in February

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Table 1 shows OAI set structure of each GISC on October 27th. [Action 14/1-6]

Findings are:

* GISCs Tehran and Jeddah became operational recently and a few GISCs have not started harvesting their metadata set.
* WIS-CATALOGUE set is provided by four GISCs.
* Interim metadata set is provided by six GISCs out of ten operational GISCs. [Action 14/1-5]
* One GISC names each OAI set as “GISC-*CITYNAME*” instead of “WIS-GISC- *CITYNAME,*” which causes issues in monitoring software.

Attached file (Interim\_set\_records.xlsx) lists identifiers included in interim metadata set provided by each GISC. Identifiers are the response of verb=ListIdentifiers request. [Action 14/1-5]

* Out of five GISCs that are providing WIS-UNASSOCIATED set, three sets are synchronized.
* The other two sets have slight difference with the authoritative set.

Table 2 summarizes the result of verb=GetRecord request of metadata record for an abbreviated heading: SMCA01 TNCC and the availability of this record in GISC portal catalogue. [Action 14/1-7]

Findings are:

* Four GISCs are not providing interim metadata set and metadata records that have not belonged to any operational GISCs are not available on their catalogue.
* Two GISCs do not provide set membership in the headers of items returned in response to the GetRecord requests.

Table 1: OAI sets found at each OAI provider of GISCs.

|  |  |  |  |  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- | --- | --- | --- | --- |
| **Beijing** | **Exeter** | **Jeddah** | **Melbourne** | **Moscow** | **Offenbach** | **Seoul** | **Tokyo** | **Toulouse** | **Tehran** |
| WIS-GISC-BEIJING | WIS-GISC-BEIJING | GISC-BEIJING | WIS-GISC-BEIJING | WIS-GISC-BEIJING | WIS-GISC-BEIJING | WIS-GISC-BEIJING | WIS-GISC-BEIJING | WIS-GISC-BEIJING | WIS-GISC-BEIJING |
| WIS-GISC-EXETER | WIS-GISC-EXETER | GISC-EXETER | WIS-GISC-EXETER | WIS-GISC-EXETER | WIS-GISC-EXETER | WIS-GISC-EXETER | WIS-GISC-EXETER | WIS-GISC-EXETER | WIS-GISC-EXETER |
|  | WIS-GISC-JEDDAH | WIS-GISC-JEDDAHGISC-JEDDAH | WIS-GISC-JEDDAH | WIS-GISC-JEDDAH | WIS-GISC-JEDDAH |  |  | WIS-GISC-JEDDAH |  |
| WIS-GISC-MELBOURNE | WIS-GISC-MELBOURNE | GISC-MELBOURNE | WIS-GISC-MELBOURNE | WIS-GISC-MELBOURNE | WIS-GISC-MELBOURNE | WIS-GISC-MELBOURNE | WIS-GISC-MELBOURNE | WIS-GISC-MELBOURNE | WIS-GISC-MELBOURNE |
| WIS-GISC-MOSCOW | WIS-GISC-MOSCOW | GISC-MOSCOW | WIS-GISC-MOSCOW | WIS-GISC-MOSCOW | WIS-GISC-MOSCOW | WIS-GISC-MOSCOW | WIS-GISC-MOSCOW | WIS-GISC-MOSCOW | WIS-GISC-MOSCOW |
| WIS-GISC-OFFENBACH | WIS-GISC-OFFENBACH | GISC-OFFENBACH | WIS-GISC-OFFENBACH | WIS-GISC-OFFENBACH | WIS-GISC-OFFENBACH | WIS-GISC-OFFENBACH | WIS-GISC-OFFENBACH | WIS-GISC-OFFENBACH | WIS-GISC-OFFENBACH |
| WIS-GISC-SEOUL | WIS-GISC-SEOUL | GISC-SEOUL | WIS-GISC-SEOUL | WIS-GISC-SEOUL | WIS-GISC-SEOUL | WIS-GISC-SEOUL | WIS-GISC-SEOUL | WIS-GISC-SEOUL | WIS-GISC-SEOUL |
| WIS-GISC-TOKYO | WIS-GISC-TOKYO | GISC-TOKYO | WIS-GISC-TOKYO | WIS-GISC-TOKYO | WIS-GISC-TOKYO | WIS-GISC-TOKYO | WIS-GISC-TOKYO | WIS-GISC-TOKYO | WIS-GISC-TOKYO |
| WIS-GISC-TOULOUSE | WIS-GISC-TOULOUSE | GISC-TOULOUSE | WIS-GISC-TOULOUSE | WIS-GISC-TOULOUSE | WIS-GISC-TOULOUSE | WIS-GISC-TOULOUSE | WIS-GISC-TOULOUSE | WIS-GISC-TOULOUSE | WIS-GISC-TOULOUSE |
| WIS-GISC-TEHRAN | WIS-GISC-TEHRAN | GISC-TEHERAN | WIS-GISC-TEHRAN | WIS-GISC-TEHRAN | WIS-GISC-TEHRAN |  | WIS-GISC-TEHRAN | WIS-GISC-TEHRAN | WIS-GISC-TEHRAN |
|  |  | GISG-WASHINGTON |  | WIS-GISC-WASHINGTON |  |  |  |  |  |
|  |  | GISC-BRASILIA |  |  |  |  |  |  | WIS-GISC-BRASILIA |
|  |  | GISC-PRETORIA |  |  |  |  |  |  |  |
|  |  | GISC-NEW\_DEHLI |  |  |  |  |  |  |  |
|  | WIS-Interim-Metadata |  | WIS-UNASSOCIATED | WIS-UNASSOCIATED | WIS-UNASSOCIATED |  | WIS-UNASSOCIATED | WIS-UNASSOCIATED |  |
| WIS-CATALOGUE |  | WIS-GISC-CATALOGUE |  |  | WIS-CATALOGUE |  | WIS-CATALOGUE |  | WISTEST-CATALOGUE |
|  | ECMWF-MACCWIS-DCPC-ECMWFdraftdatasets | DCPC-RSMC-JEDDAHtestDCPC-CAIRODCPC-RDMEC-JEDDAHvalidationDCPC-MADRIDDCPC-QATARNC-QATAR | draftdatasetsWIS-UNPUBLISHED | WIS-DCPC-Hydrometcentredraft10354l \_\_\_\_ficerI provider of GISCs omitted in this table.) | CANADADKRZECMWFESWIEUMGLSSWMETNO-ADCWIS-DEWIMMS | WIS-NC-SEOULWIS-DCPC-NMSCWIS-DCPC-WAMISdraftWIS-DCPC-LMSdatasetsNWS-TEST1 | WIS-TOKYO-OTBDWIS-TOKYO-VLIVWIS-TOKYO-VDPPWIS-TOKYO-OOMSWIS-TOKYO-VCCCWIS-TOKYO-VBRRWIS-TOKYO-VNNNWIS-TOKYO-OKBKWIS-TOKYO-VTBBWIS-TOKYO-JMAWIS-TOKYO-VGDCWIS-TOKYO-RPMMWISTEST-JMAWS-TESTNational\_Center\_for\_Atmospheric\_ResearchDCPC-TESTDCPC-TEST-NICT | ClearFlightWIS-DCPC-ECMWFinspireMeteoFranceWIS-DCPC-EUMETSATdraftdatasets | IRANTESTWMO-BaselineWISTEST-NOAA |

Table 2: Availability of metadata record for SMCA01 TNCC

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| --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- |
|  | **Beijing** | **Exeter** | **Jeddah** | **Melbourne** | **Moscow** | **Offenbach** | **Seoul** | **Tokyo** | **Toulouse** | **Tehran** |
| Result of GetRecord request of SMCA01TNCC | idDoesNotExist | *Set membership is not provided* | idDoesNotExist | Exist in WIS-UNASSOCIATED | *Set membership is not provided* | Exist in WIS-UNASSOCIATED | idDoesNotExist | Exist in WIS-UNASSOCIATED | Exist in WIS-UNASSOCIATED | idDoesNotExist |
| Availability of SMCA01TNCC in GISC portal catalogue | Not found | Found | Not found | Found | Found | Found | Not found | Found | Found | Not found |