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-JEDDAH  GISC-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-MACC  WIS-DCPC-ECMWF  draft  datasets | DCPC-RSMC-JEDDAH  test  DCPC-CAIRO  DCPC-RDMEC-JEDDAH  validation  DCPC-MADRID  DCPC-QATAR  NC-QATAR | draft  datasets  WIS-UNPUBLISHED | WIS-DCPC-Hydrometcentre  draft  10354l \_\_\_\_ficerI provider of GISCs omitted in this table.) | CANADA  DKRZ  ECMWF  ESWI  EUMG  LSSW  METNO-ADC  WIS-DE  WIMMS | WIS-NC-SEOUL  WIS-DCPC-NMSC  WIS-DCPC-WAMIS  draft  WIS-DCPC-LMS  datasets  NWS-TEST1 | WIS-TOKYO-OTBD  WIS-TOKYO-VLIV  WIS-TOKYO-VDPP  WIS-TOKYO-OOMS  WIS-TOKYO-VCCC  WIS-TOKYO-VBRR  WIS-TOKYO-VNNN  WIS-TOKYO-OKBK  WIS-TOKYO-VTBB  WIS-TOKYO-JMA  WIS-TOKYO-VGDC  WIS-TOKYO-RPMM  WISTEST-JMA  WS-TEST  National\_Center\_for\_  Atmospheric\_Research  DCPC-TEST  DCPC-TEST-NICT | ClearFlight  WIS-DCPC-ECMWF  inspireMeteoFrance  WIS-DCPC-EUMETSAT  draft  datasets | IRANTEST  WMO-Baseline  WISTEST-NOAA |

Table 2: Availability of metadata record for SMCA01 TNCC

|  |  |  |  |  |  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- |
|  | **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 |