

GCP Workshop July 3-5. Bioversity HQ Rome Italy

Session I: Background Passport Data Quality, Management & Practices

Chair: Siegfried Harrer

Rapporteur: Fred Atieno

Harrer: Passport data quality and management in the framework of national and international reporting requirements

Qtn: What are the standard components or information required to attain the international reporting

The need to flag accessions as falling under the treaty and therefore legally binding. Requirements will enable quality improvements with regards to SMTAs.

Evolution of the MCPD from 28 descriptors to 33 in EURISCO and planned expansion to 57 for Genbank networks exchange standards

Highlight: Standardization has an impact on willingness to contribute data. There is need to simplify the communication of use of standards to stakeholders in terms of importance and processes for implementation. Awareness raising!

Qtn: Are the preliminary checks done on the received datasets enough? Eg completeness of fields and significance of missing fields. Need to understand the missing values with regards to “not applicable”, “retrievable” and “irretrievable”(impossible to get)

Observation: Just by making data public and visible through sharing and exchange promotes quality assurance.

Qtn; Do we need unique IDs? How should they be constructed e.g pure numbers, mixed etc. How does it function and how does it improve data quality?

Helmut: Data Quality aspects in biodiversity informatics

Highlight: Common attributes but different terminologies

TMetz: Arthur Chapmann manual only outlines the points of data quality but doesn't say what to do and how to do it? Need to streamline it to a more applicable version eg in the form of a cookbook

Qtn; By making primary biodiversity data freely available, how free is the dataset in terms of use and access? Any restrictions?

Highlight: Importance of instituting feedback loops between data providers and users

TheoH: Data Quality Management Systems

Provides tools and methods for maintenance and improvement of data quality

The axis: Plan-Do-Check-Act (Say what you Do what you say and Let someone check it)

Proper quality for maximum effectiveness. Certification facilitates exchange of germplasm and improves open collaboration

The need for measurable performance indicators and targets for improvement into the future.

MetzT: How do you make use of the indicators and how much allowance for creativity/innovation does the system give?

AndyJ: Perhaps prioritize what aspects of passport data quality that can be rolled out to different players that would have an impact.

Prioritization should be done on feasibility status i.e ease of achievement