



Special Call for Consultants

Consultancy: Development of a genebank metrics handbook

The Global Crop Diversity Trust (<https://www.croptrust.org/>) is an international organization with Headquarters in Bonn, Germany whose mission is to ensure the conservation and availability of crop diversity for food security worldwide.

The *Capitalisation of the Endowment Fund of the Global Crop Diversity Trust and Strengthening of National Seedbanks project* (Seeds for Resilience, for short) aims to empower national genebanks, by safeguarding them in perpetuity through an endowment fund, documenting and managing them appropriately for conservation and use, and promoting their use, as a basis for climate adaptation of vulnerable African cropping systems. The project is supported by the Federal Republic of Germany through KfW and is conducted in Ethiopia, Kenya, Zambia, Ghana and Nigeria.

To achieve its objectives, the Crop Trust will procure equipment and supplies required by national genebanks to conduct their conservation operations, facilitate staff exchanges with international genebanks and engage consultants to provide technical support to ensure the long-term conservation and use of plant genetic resources for food and agriculture.

During 2019, the Global Crop Diversity Trust commissioned a panel to review each participating national genebank. The reviewers documented issues and possible solutions in areas such as genebank equipment, operations and linkages to users. This initial review also provides baseline information about the status of genebanks in relation to the performance targets that the Global Crop Diversity Trust uses in the context of the CGIAR Genebank Platform to assess genebanks receiving financial support. A second review is to be conducted in three years' time to evaluate the progress of each genebank towards such performance targets.

This assignment will be implemented in two phases. First phase consists of the development of a "Genebank Metrics Handbook" and the second phase will involve the calculation and validation of the metrics compiled in the first phase.

Objectives of the assignment

The Global Crop Diversity Trust is looking for an experienced consultant to work under the guidance of the information systems program manager and in close collaboration with the genebank managers of the Seeds for Resilience project, in the identification and documentation of metrics to monitor the status of the collection.

Scope of work

In this first phase, the consultant will develop a "Genebank Metrics Handbook" containing a list of metrics that are relevant for the effective management of genebank collections and for the external reporting requirements of the genebank. This handbook should include definitions of metrics with appropriate referencing of any source documentation, their specific purpose (e.g. management of the collection, reporting to donors, reporting to GPA) and their relationship to a routine genebank operation (e.g. availability, security, distribution).



The consultant will need to gather information on the metrics required for external reports from various relevant sources. The consultant may also need to consult with genebank managers to confirm the relevance of the metrics for the effective management of crop collections. The consultant will consider the implications for reporting by crop type and other categories of material (e.g. seed/in vitro/cryo/field, by different maintenance policies, etc.).

The second phase will involve consulting with additional genebank and IT staff and other key experts. The output will be included as an Annex in the Handbook and is expected to document the calculations for each metric, including the required data, formulas and examples.

Deliverables

The Genebank Metrics Handbook should include:

1. List of metrics regularly used for reporting to external stakeholders and for internal management of the genebank.
2. Use cases as examples of the calculation and relevance of each metric.
3. Definitions of each metric.
4. Sources/References for each metric.
5. Terminology and controlled vocabularies used in the Handbook.
6. Considerations for the calculation and use of the metric (e.g. what to avoid, what to take into account).

Skills and experience

- Minimum 5 years of experience managing a genebank where various metrics were used to monitor the management of the collections and operations.
- Working experience developing key performance indicators.
- Excellent skills in both verbal and written English.
- Proactive, innovative and creative attitude

Interested candidates are asked to send a recent CV and a detailed cover letter outlining your qualifications to trustvacancy@croptrust.org with the subject line "Consultant Roster – SFR" as soon as possible as, however, **no later than 30 October 2020**. The cover letter should indicate the suggested daily fees in EUR, as well as a description of previous relevant experience.

A Crop Trust team will review the applications and identify suitable individuals for the roster. Those applicants who have not worked for the Crop Trust before may be contacted for further assessment. All applicants selected for the roster will be contacted to confirm their willingness to work for the Crop Trust for specified activities.