

Building capacity for documenting, cleaning and publishing sample-based data in Latin America.

Project ID: CESP2016-028

MID-TERM ACTIVITY REPORT

Contents

Executive summary

Contact information

Introduction

The project and its objectives

Project activities completed by mid-term

Project communications

Mid-term evaluation findings and recommendations for the remaining project

implementation period

MEDIUM-TERM ACTIVITY REPORT

Executive Summary

After being accepted, we have focused our efforts mainly on the development of the Workshop Agenda, without neglecting the logistic aspects, having made several virtual meetings through skype in order to share and exchange experiences, especially with regard to the samples of the Date of the possible participants in the workshop, from there we have focused the work to be able to succeed in training with the use of the data and thus to be able to comply with what was offered.

We must recognize that we are still at an average level of progress on project implementation but we have been able to make the necessary adjustments to meet the deadline of June 2017. We are confident and very confident about the development of the training To reach and be able to fulfill the objectives set.

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Introduction

In this midterm report you will find an updated calendar of activities, more precise and detailed information on the progress of the results and a summary of the findings and challenges that we have found working together with the countries during this time period. Since the workshop will be held, this report does not include, for obvious reasons, the results of the workshop next April.

The project and its objectives

- Project start date: January 25, 2017
- Estimated duration: 6 months, until June 2017.
- N ° of Participants:

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• **Specific capacity needs:**

Every day, data are recorded on various platforms, the same ones used by different public sectors as scientists in order to generate more data and interaction with government institutions that use it to make decisions, however much of that data may lack the optimal qualities To be considered according to the demand or necessity. In this sense, it is increasingly essential to train the various data generators and users in improving the quality of data.

It is also worth mentioning that many of these resources available through the GBIF network only have documentation in English and very few are documented in Spanish which is an official language. We believe that having supporting documentation available in our mother tongue increases interest and ownership within our national communities.

We consider that it is not enough to have good quality data, but also with useful documentation that allows users to learn, share and take advantage of resources at a higher level.

In order to respond to the GBIF call, the nodes involved in this project have identified the need to have professionals and institutions with data of the highest quality and adapt key documentation for the use of the Spanish speaking communities (scientists, academics, data editors and Users) in the GBIF Network.

As a result, we hope that any Spanish-speaking node can use and improve the quality of its data to increase its ability to mobilize data and use published data through GBIF.

All material produced will be available on the GBIF Community - Language Network - SPANISH site.

Project objectives:

1. To encourage publishers from Peru and the other members of latin, to improve data quality.
2. Strengthen the regional cooperation for capacity enhancement and the development of tools for the benefit of the global community.
3. Strengthen regional capacities for publishing sample based data and data quality assessment
4. Improve the data published through GBIF, as a significantly contribution to the activities proposed in the GBIF Work Programme 2014-2016

Deliverables

1. Workshop agenda, contents and presentations. The workshop contain: The State of the data and metadata of each country and the tools used for the management and dissemination of data. Successful experiences in the use of tools and demonstrative example of using tools. Identification and determination of pilot application using tools
2. A participant's workshop evaluation, an evaluation at the beginning of the workshop will be held with three basic questions. At the end of workshop will present a survey of learning will be conducted and a report will be signed commitment to submit examples of application of learning
3. Training toolkit in Spanish, it is expected that as a result of training in Spanish, manuals used either GBIF or what countries in the region have adapted, make an application manual in Spanish to serve for participants as a reminder of what they have learned so that you can apply it in a pilot implementation.
4. A report of certified participants, A report of the certified participants. all a report of application of learning, and its projection of use will be required. so that they can have a certificate, certifying what has been learned
5. A report of assessment of impacts in data quality, participants will see that when we publish data on the Internet is essential to do so with accompanying contextual information (metadata) that will make data are used in the best way and within the conditions set by whom the public . The points to be discussed in the workshop will be I pick up on site, prior to computerization, taxonomic identification, computerization, documentation database, storage and preservation of information, data presentation and use thereof handling data.
6. Regional and local technicians trained in data quality assessment tools and sample based data publishing, Participants will practice what they have learned to computerize either a natural history collection , observational data obtained directly in the field , dating from literature sources, or any other data source, biodiversity , international standards concerning biological databases , the interconnection between different databases , and easy adherence to international initiatives such as GBIF.
7. 1000 records DwC EventCore based on standard published through the GBIF network.

Project activities completed in the medium term

Initial proposed timetable

Dates	Item
2016-08-16 to 2016-10-01	Adaptation of key documents and workshop material
2016-08-20	Participants list building
2016-09-23	Pre-workshop activities
2016-10-10 to 2016-10-15	Workshop development
2016-10-18 to 2016-12-01	Development of toolkit for sample-based data workshops.
2016-10-18 to 2017-03-14	Post-workshop activities: Evaluation and certification for participants

Updated calendar of meetings and activities:

Dates	Item
2017-01-25 to 2017-04-10	Adaptation of key documents and workshop material
2017-04-11	Participants list building
2017-04-14	Pre-workshop activities
2017-04-17 to 2017-04-21	Workshop development
2017-04-24 to 2017-05-31	Development of toolkit for sample-based data workshops.
2017-05-31 to 2017-06-15	Post-workshop activities: Evaluation and certification for participants

* The agenda of meetings will address:

- The Global Biodiversity Information Infrastructure (GBIF)
- The panorama of the publication of data in GBIF
- Data portals on biodiversity in Latin America and the GBIF data portal
- Practical demonstration on how to prepare and manage different types of data
- Group practice on publication of data and metadata in the IPT
- publication of monitoring data
- Demonstration of publication of monitoring data and metadata in the IPT
- Incentives and visibility for the publication of biodiversity data
- Visibility of data sets and institutions in the GBIF portal

- Licenses to use data in the GBIF community and DOIs
- Basics of data quality and healing
- Tools for data management
- Using OpenRefine
- Loading and publishing monitoring and event data and metadata with selected participants

Project Communications

The results of the project will be available through the project page at: <http://www.gbif.org/project/2016-peru-sampling-event-data>

Conclusions of the mid-term evaluation and recommendations for the remainder of the project implementation period

This year we have held several virtual meetings to coordinate efforts and successfully build an agenda, as well as coordinate the data that will be worked in the workshop for which a possible sample of their data has been previously requested as well as useful material and Important that initially serves to the participants of the workshop and that will eventually serve to other Nodes that speak Spanish.

We have considered it opportune to deploy our efforts in having an optimal agenda to be able to cover in the workshop to be realized. All the primordial aspects that are basic to be able to count on data of good quality focusing on the use of the open refine and in a second moment to teach the use of the IPT so that they can be in the capacity to publish the data.

Take note of the calendar update. Modifications have been made due to the evaluation of the context, and the scope of the project. We are sure that having the main competent institutions, especially in the monitoring of biodiversity, will be integrated with this training. Although we are planning most of the activities for the workshop it is possible to address the current progress in the deliverables of the project, as follows:

1. Workshop agenda, contents and presentations. Through the various meetings via Skype, it has been possible to agree on the best and most appropriate topics to be discussed in order to enrich the agenda, considering the experiences of both Peru and Chile. Argentina, Colombia and Costa Rica

3 Training Toolkit in Spanish. It has been established that the instructor is covering each session as well as starting to translate the material to be used in the workshop

The content of the materials will be presented after the workshop