

Extending knowledge on biodiversity data quality and publication in the Spanish-speaking community

Programme: CESP

Project ID: CESP2021-007

Project page: <https://www.gbif.org/project/CESP2021-007/extending-knowledge-on-biodiversity-data-quality-and-publication-in-the-spanish-speaking-community>

Project lead organization: Museo Argentino de Ciencias Naturales "Bernardino Rivadavia" (GBIF Argentina)

GBIF Participant Represented: GBIF Argentina

Project implementation period: 1/8/2021 - 30/12/2022

Report approved: 6/9/2023

Narrative Final report

Executive Summary

The objective of this project was successfully achieved through the workshops and webinars proposed and carried out in a timely manner.

A total of 3735 people participated in the activities offered in this CESP. The participants were from 19 countries (AR, BO, BR, CL, CO, CR, CU, DR, EC, GT, HN, MX, PN, PY, PE, SP, UY, US, VZ).

A higher attendance was detected in the first editions (compared to the replicas), a total of 2098 people attended the webinars (synchronously and asynchronously) and for the workshops the total was 1637 people (synchronously and asynchronously). For those who attended both sessions of the workshops, a certificate of attendance was given, with the total number of certificates delivered being 195.

Lessons learned: Since it is almost impossible to meet the requirements of flexible hours for people who wanted to attend the activities, replicas of the activities were considered. The general program of activities was communicated in advance through social networks (FB, IG, TW) as well as through the page of the present CESP project and through emails, to ensure that people could plan their agendas and attend virtual meetings. In addition, access to the recordings was provided through a YouTube channel, to facilitate asynchronous assistance.

Deliverables: both the webinars (3 meetings, with a reply) and the workshops (2 meetings, with a reply) were recorded and are available on a YouTube channel

(<https://www.youtube.com/@paulazermoglio4160>). Regarding the documentation produced specifically for this project, the following were generated: 1) Document and video (EN and ES) with guidelines on how to use the regional IPT installation, 2) Document describing the training model used in this project (EN and ES).

Report on Activities

Activity progress summary

The webinars (corresponding to the open talks series) were carried out in a timely manner. Although 80 to 100 people were expected to attend, these values were widely exceeded, with a total of 2069 attendees (synchronous and asynchronous): 1) Data Quality Principles, first edition 711 people, second edition 201 people; 2) Workflows, first edition 242 people, second edition 199 people and 3) Standards, first edition 586 people, second edition 159 people.

As for the workshops on the use of Open Refine and the publication of data with the IPT, they were also carried out in a timely manner. Although the attendance of 40-60 people was expected, these values were also exceeded, with a total of 1,606 attendees (synchronous and asynchronous), being 1,138 people for Open Refine and 499 for IPT. In total, 195 certificates were delivered to the participants who complied with synchronous attendance during the duration of the workshop (2 days). For the Open Refine workshops, 480 people joined for the first edition on the first day and 339 on the second day; As for the second edition, the number of attendees was 159 and 160 people respectively. While for the IPT workshops, 178 people joined for the first edition on the first day and 111 people on the second day; As for the second edition, the number of attendees was 129 and 81 people respectively.

Regarding the documentation to be generated within the framework of this project, all the elements committed were completed: 1) Documentation: How to use the Latin American and the Caribbean Regional IPT developed (EN) and translated into Spanish, written document and 2 videos (one in English, one in Spanish), 2) Model for Biodiversity Data Mobilization and Data Quality Training, written document (EN) and translated into Spanish.

Completed activities

Activity name: Project kick-off meeting

Description: Virtual meeting of the partners to organize the project work and define a communication strategy to reach the broadest audience

Start Date - End Date: 19/8/2021 - 19/8/2021

Verification Sources: Video <https://drive.google.com/file/d/1287moef6I47iBmwYnMWVm-ozt5udvpTw/view?usp=sharing>

Report attachment under the name Agenda and memories, kick-off meeting

Activity name: Talks and workshops material preparations (1/2)

Description: Preparation of materials (presentations, videos, promotional materials) for the talks and workshops. Virtual meetings among project participants and asynchronous work on shared platforms (Google Suite).

Start Date - End Date: 2/8/2021 - 31/1/2022

Verification Sources: Link to Drive (webinars):

<https://drive.google.com/drive/folders/1Ca0NvFbQ2EJyCOOZfnExJ8JytSqNRHKt?usp=sharing>

Link to Drive (Workshop IPT):

<https://drive.google.com/drive/folders/16OLQEeRcicPgzsnuZNPQHmVftbYWPEWI?usp=sharing>

Report attachment, under the name of Agenda

Activity name: Talks and workshops material preparations (2/2)

Description: Preparation of materials (presentations, videos, promotional materials) for the talks and workshops. Virtual meetings among project participants and asynchronous work on shared platforms (Google Suite).

Start Date - End Date: 1/4/2022 - 31/5/2022

Verification Sources: Link to Drive (webinars):

<https://drive.google.com/drive/folders/1Ca0NvFbQ2EJyCOOZfnExJ8JytSqNRHKt?usp=sharing> Link to Drive (Workshop IPT):

https://drive.google.com/drive/folders/17T1AEB3CjSmChFihBIXlxVwFpr1qGCa?usp=drive_link
Workshop IPT 1/2

https://drive.google.com/drive/folders/1vDeSkN6Laf9d8mnu1om1_zPOOBSeEwhW?usp=drive_link
Workshop IPT 2/2

https://drive.google.com/drive/folders/1AxfsbT-Q6TpduodVvQnIAM31-DwtWyhH?usp=drive_link

Report attachment, under the name of Agenda

Activity name: Open talks series: Biodiversity Data Quality (1/2)

Description: 2 repetitions of a series of 2 talks about biodiversity data quality principles, best practices and workflows. Talks will be in Spanish, live streamed and recorded. Talks will be targeted but open to all Spanish-speaking audiences. Please see file attached for details on agenda topics, sessions structure and general logistics.

Start Date - End Date: 1/10/2021 - 30/11/2021

Verification Sources: Principles of Data Quality (drive): https://drive.google.com/drive/folders/1-vDxivdM330nrEw_iJaCAfU9DuCPumMC?usp=sharing

Event: <https://www.gbif.org/event/cde27b-e7a8-4e6d-8de1-4348219/1st-webinar-principles-of-data-quality-in-spanish-only>

YouTube video: <https://www.youtube.com/watch?v=u69Wvf6jvI4>

Workflows (Drive): https://drive.google.com/drive/folders/1XYHKyVfp4JyimT1yLppSUFTp8WxH5gTp?usp=drive_link

Event: <https://www.gbif.org/event/7c6dQdRugnlObJfFJeLbn/2nd-webinar-application-of-data-quality-workflows-in-spanish-only>

YouTube video: <https://www.youtube.com/watch?v=u69Wvf6jvI4>

Activity name: Open talks series: Biodiversity Data Quality (2/2)

Description: 2 repetitions of a series of 2 talks about biodiversity data quality principles, best practices and workflows. Talks will be in Spanish, live streamed and recorded. Talks will be targeted but open to all Spanish-speaking audiences. Please see file attached for details on agenda topics, sessions structure and general logistics.

Start Date - End Date: 1/3/2022 - 29/4/2022

Verification Sources: Biodiversity Data Standarts (drive): https://drive.google.com/drive/folders/1Y-JrMHvYw1GZyPC11S5B5LkExhbydN7G?usp=drive_link

Event: <https://www.gbif.org/event/703d52-d9f6-491f-bde3-398bd5b/3rd-webinar-biodiversity-data-standards-darwin-core-and-darwin-core-archive-in-spanish-only>

YouTube video: <https://www.youtube.com/watch?v=ySauYxTJWCY>

Activity name: Workshop: Use of OpenRefine for biodiversity data cleaning (1/2)

Description: 2 repetitions of a 2-days, 2.5hs/day, workshop. The workshop will be in Spanish, live streamed and recorded. Workshop will be targeted but open to all Spanish-speaking audience. Materials for hands-on session will be provided. Please see file attached for details on agenda topics, sessions structure and general logistics.

Start Date - End Date: 1/12/2021 - 31/12/2021

Verification Sources: Drive:

https://drive.google.com/drive/folders/16OLQEeRcicPgzsnuZNPQHmVftbYWPEWI?usp=drive_link

Event: <https://www.gbif.org/event/34f971-f429-41a3-b1da-0bb281b/workshop-data-cleaning-using-openrefine-in-spanish-only>

YouTube videos

Day1: <https://www.youtube.com/watch?v=Ox3yiU-HD4c>

Day 2: <https://www.youtube.com/watch?v=jDIXE83TXbk>

Activity name: Workshop: Use of OpenRefine for biodiversity data cleaning (2/2)

Description: 2 repetitions of a 2-days, 2.5hs/day, workshop. The workshop will be in Spanish, live streamed and recorded. Workshop will be targeted but open to all Spanish-speaking audience. Materials for hands-on session will be provided. Please see file attached for details on agenda topics, sessions structure and general logistics.

Start Date - End Date: 2/5/2022 - 31/5/2022

Verification Sources:

Drive:https://drive.google.com/drive/folders/17T1AEB3CjSmChFihBIXlVivFpr1qGCa?usp=drive_link

Event:<https://www.gbif.org/event/0f76a3-b314-411e-bdef-a1e0ed1/data-cleaning-using-openrefine-in-spanish-only>

YouTube videos:

Day 1: <https://www.youtube.com/watch?v=WJPR1Hv5aAs>

Day 2: https://www.youtube.com/watch?v=N9Yp2_Quec8

Activity name: Open talks series: Data Publication to GBIF (1/2)

Description: 2 repetitions of a series of 1 talk. Talk will be in Spanish, live streamed and recorded. Talk will be targeted but open to all Spanish-speaking audience. Please see file attached for details on agenda topics, sessions structure and general logistics.

Start Date - End Date: 1/2/2022 - 28/2/2022

Verification Sources: Drive: https://drive.google.com/drive/folders/1Y-JrMHvYw1GZyPC11S5B5LkExhbydN7G?usp=drive_link

Event:<https://www.gbif.org/event/703d52-d9f6-491f-bde3-398bd5b/3rd-webinar-biodiversity-data-standards-darwin-core-and-darwin-core-archive-in-spanish-only>

YouTube video: <https://www.youtube.com/watch?v=ySauYxTJWCY>

Activity name: Open talks series: Data Publication to GBIF (2/2)

Description: 2 repetitions of a series of 1 talk. Talk will be in Spanish, live streamed and recorded. Talk will be targeted but open to all Spanish-speaking audience. Please see file attached for details on agenda topics, sessions structure and general logistics.

Start Date - End Date: 1/6/2022 - 30/6/2022

Verification Sources: Drive: https://drive.google.com/drive/folders/1Y-JrMHvYw1GZyPC11S5B5LkExhbydN7G?usp=drive_link

Event:<https://www.gbif.org/event/d684a1-43ea-44a3-9381-5855abb/webinar-biodiversity-data->

YouTube video: <https://www.youtube.com/watch?v=w6wZDM4QKO4>

Activity name: Workshop: Data publication using GBIF's Integrated Publishing Toolkit (IPT) (1/2)

Description: 2 repetitions of a 2-days, 2.5hs/day, workshop. The workshop will be in Spanish, live streamed and recorded. Workshop will be targeted but open to all Spanish-speaking audience. Materials for hands-on session will be provided, as well as pre-workshop helpdesk for application installation. Please see file attached for details on agenda topics, sessions structure and general logistics.

Start Date - End Date: 1/3/2022 - 31/3/2022

Verification Sources: Drive:

https://drive.google.com/drive/folders/1vDeSkN6Laf9d8mnu1om1_zPOOBSeEwhW?usp=drive_link

Event: <https://www.gbif.org/event/51b5e8-32a8-48b8-8dae-d4d6496/publication-of-biodiversity-data-with-the-ipt-in-spanish-only>

YouTube videos:

Day 1: <https://www.youtube.com/watch?v=g4YSgrdVWRA>

Day 2: <https://www.youtube.com/watch?v=WbovUCmMTjM>

Activity name: Workshop: Data publication using GBIF's Integrated Publishing Toolkit (IPT) (2/2)

Description: 2 repetitions of a 2-days, 2.5hs/day, workshop. The workshop will be in Spanish, live streamed and recorded. Workshop will be targeted but open to all Spanish-speaking audience. Materials for hands-on session will be provided, as well as pre-workshop helpdesk for application installation. Please see file attached for details on agenda topics, sessions structure and general logistics

Start Date - End Date: 1/7/2022 - 29/7/2022

Verification Sources: Drive:https://drive.google.com/drive/folders/1Axfst-Q6TpdudVvQnlAM31-DwtWyhH?usp=drive_link

Event:<https://www.gbif.org/event/aa5259-8087-4f7f-b359-5b87858/publication-of-biodiversity-data-with-the-ipt-in-spanish-only>

YouTube videos

Day 1: <https://www.youtube.com/watch?v=L2IIQOFu4LI>

Day 2: https://www.youtube.com/watch?v=1GETITIRq_Q

Activity name: Assessment of first round of training and adjustment (1/2)

Description: Assessment of the first round of each series (data quality and publication), including talks and workshops, to adjust for content and/or its presentation or logistics for the second round of each series.

Start Date - End Date: 1/12/2021 - 31/12/2021

Verification Sources: Report attachment under the name of Agenda

Activity name: Assessment of first round of training and adjustment (2/2)

Description: Assessment of the first round of each series (data quality and publication), including talks and workshops, to adjust for content and/or its presentation or logistics for the second round of each series.

Start Date - End Date: 1/4/2022 - 31/5/2022

Verification Sources: Report attachment under the name Agenda

Activity name: Documentation development: How to use the Latin American and the Caribbean Regional IPT

Description: Brief document, in English, containing guidelines on how to use the regional IPT installation, with specific sections for Admin users (targeted at the regional representative and deputy, and node managers) and for regular users, including both practical how-to's and expected administrative workflows. Short video to accompany the written documentation.

Start Date - End Date: 1/3/2022 - 30/6/2022

Verification Sources: Report attachment under the name EN_How to use the Latin America and the Caribbean Regional IPT

YouTube Video: <https://www.youtube.com/watch?v=MXzqyEgOPjU>

Activity name: Documentation translation into Spanish: How to use the Latin

American and the Caribbean Regional IPT

Description: Translation into Spanish of the documentation produced in the previous activity, including the short video to accompany the written document.

Start Date - End Date: 1/4/2022 - 29/7/2022

Verification Sources: Report attachment under the name ES_Cómo utilizar el IPT Regional de América Latina y el Caribe

YouTube Video: <https://www.youtube.com/watch?v=iuLkJLoyd4o>

Report on Deliverables

Deliverables progress summary

All deliverables committed to the project have been completed. Although the delivery of the final report was late, this was due to personal reasons of the project members.

All the videos generated are listed, both from the talks and the workshops and the video tutorials on the use of the IPT LAC (both in English and Spanish). In addition, presentations, use cases, links to promote events, flyers and certificate templates are provided.

Completed deliverables

Title: #1 Communication strategies document

Type: Other

Description: Communication strategies document (report)

Sources of verification: Report attachment under the name Report Communication strategies

Title: #2 Training materials

Type: Resources

Description: Presentations, videos, promotional materials (e.g., flyers), and training data sets available for reuse by the community on data quality, data cleaning and use of IPT.

Sources of verification: Link to Drive:

https://drive.google.com/drive/folders/1ERpV3yurSK3cebRAaTKpul9sVBxD7HHO?usp=drive_link

Title: #3 Open talks series: Biodiversity Data Quality.

Type: Resources

Description: 2 repetitions of a series of 2 talks about biodiversity data quality principles, best practices and workflows. Talks will be in Spanish, live streamed and recorded. Recorded videos and materials openly available for all the community.

Sources of verification: YouTube Videos Data Quality: 1st edition : <https://www.youtube.com/watch?v=u69Wvf6jvl4> 2nd edition: https://www.youtube.com/watch?v=nY_jcMS_GUs

Drive Data Quality: https://drive.google.com/drive/folders/1-vDxivdM330nrEw_iJaCAfU9DuCPumMC?usp=drive_link

YouTube Videos WorkFlows: 1st edition: https://www.youtube.com/watch?v=jBilyL_fxZ4 2nd edition:

<https://www.youtube.com/watch?v=4w0cVvlbF5c>

Drive WorkFlows: https://drive.google.com/drive/folders/1XYHKyVfp4JyimT1yLppSUFTp8WxH5gTp?usp=drive_link

Title: #4 Workshop: Use of OpenRefine for biodiversity data cleaning

Type: Training Workshop

Description: 2 repetitions of a 2-days, 2.5hs/day, workshop.

Sources of verification: YouTube Videos: 1st edition, day 1: <https://www.youtube.com/watch?v=Ox3yiU-HD4c> 1st edition, day 2 <https://www.youtube.com/watch?v=jDIXE83TXbk> 2nd edition, day 1: <https://www.youtube.com/watch?v=WJPR1Hv5aAs> 2nd edition, day 2:

https://www.youtube.com/watch?v=N9Yp2_Quec8

Drive 1st edition: https://drive.google.com/drive/folders/16OLQEeRcicPgzsnuZNPQHmVftbYWPEWI?usp=drive_link

Drive 2nd edition: https://drive.google.com/drive/folders/17T1AEB3CjSmChFlhBIXlxViwFpr1qGCa?usp=drive_link

[usp=drive_link](https://drive.google.com/drive/folders/17T1AEB3CjSmChFlhBIXlxViwFpr1qGCa?usp=drive_link)

Title: #5 Open talks series: Data Publication to GBIF

Type: Resources

Description: 2 repetitions of a series of 1 talk about data publication using IPT. Talks will be in Spanish, live streamed and recorded. Recorded videos and materials openly available for all the community.

Sources of verification: Youtube Video: 1st edition: <https://www.youtube.com/watch?v=ySauYxTJWCY> 2nd edition: <https://www.youtube.com/watch?v=w6wZDM4QKO4> Drive: https://drive.google.com/drive/folders/1Y-JrMHvYw1GZyPC11S5B5LkExhbydN7G?usp=drive_link

Title: #6 Workshop: Data publication using GBIF's Integrated Publishing Toolkit.

Type: Training Workshop

Description: 2 repetitions of a 2-days, 2.5hs/day, workshop.

Sources of verification: YouTube videos 1st edition, day 1 <https://www.youtube.com/watch?v=g4YSgrdVWRA> 1st edition, day 2 <https://www.youtube.com/watch?v=WbovUCmMTjM> 2nd edition, day 1 <https://www.youtube.com/watch?v=L2IIQOFu4LI> 2nd edition, day 2 https://www.youtube.com/watch?v=1GETITIRq_Q Drive 1st edition https://drive.google.com/drive/folders/1vDeSkN6Laf9d8mnu1om1_zPOOBSeEwhW?usp=drive_link Drive 2nd edition https://drive.google.com/drive/folders/1Axfst-Q6TpdudVvQnIAM31-DwtWyH?usp=drive_link

Title: #7 Project assessment report.

Type: Documentation

Description: Report of the assessment of the first training round (talks + workshops), with section on lessons learnt and potential improvements.

Sources of verification: Report attachment under the name Project assessment report

Title: #8 How to use the Latin American and the Caribbean Regional IPT, written document and video, in English.

Type: Resources

Description: Brief document, in English, containing guidelines on how to use the regional IPT installation, with specific sections for Admin users and for regular users, including both practical how-to's and expected administrative workflows. Short video to accompany the written documentation.

Sources of verification: Report attachment under the name EN_How to use the Latin America and the Caribbean Regional IPT YouTube link to video: <https://www.youtube.com/watch?v=MXzqyEgOPjU>

Title: #9 How to use the Latin American and the Caribbean Regional IPT, written document and video, in Spanish.

Type: Resources

Description: Translation of the document and accompanying video produced as deliverable #8.

Sources of verification: Report attachment under the name ES_Cómo utilizar el IPT Regional de América Latina y el Caribe YouTube link to video: <https://www.youtube.com/watch?v=iuLkJLoyd4o>

Title: #10 Model for Biodiversity Data Mobilization and Data Quality Training, written document in English

Type: Resources

Description: Brief document, in English, portraying the model used for carrying on this project, capturing the general structure, strategies, resources needed, timelines, expected results and recommendations.

Sources of verification: Report attachment under the name EN_Model for Biodiversity Data Mobilization and Data Quality Training

Title: #11 Model for Biodiversity Data Mobilization and Data Quality Training, written document in Spanish

Type: Resources

Description: Translation of the document produced as deliverable #10.

Sources of verification: Report attachment under the name ES_Modelo para la Movilización de Datos de Biodiversidad y Capacitación en Calidad de Datos

Events

1st Webinar: Principles of Data Quality

Dates: 26/10/2021 - 26/10/2021

Organizing institution: GBIF Argentina + VertNet + Biodiversidata

Country: Virtual

Number of participants: 712

Comments: Event: <https://www.gbif.org/event/cde27b-e7a8-4e6d-8de1-4348219/1st-webinar->

Events

2nd Webinar: Application of Data Quality workflows

Dates: 26/11/2021 - 26/11/2021

Organizing institution: GBIF Argentina + VertNet + Biodiversidata

Country: Virtual

Number of participants: 243

Comments: Event: <https://www.gbif.org/event/7c6dQdRugnl0bJfFJeLbNl/2nd-webinar-application-of-data-quality-workflows-in-spanish-only>

Website or sources of verification: https://www.youtube.com/watch?v=jBllYl_fxZ4&t=5135s

Events

1st Workshop: Data cleaning using OpenRefine

Dates: 9/12/2021 - 10/12/2021

Organizing institution: GBIF Argentina + VertNet + SiB Colombia

Country: Virtual

Number of participants: 819

Comments: The workshop had a previous registration with 246 registrations. Because it exceeded the estimated quota (40-60), 90 people were selected, of which 87 were present and 63 obtained the certificate of attendance by participating in Zoom Event: <https://www.gbif.org/event/34f971-f429-41a3-b1da-0bb281b/workshop-data-cleaning-using-openrefine-in-spanish-only>

Website or sources of verification: <https://www.youtube.com/watch?v=Ox3yiU-HD4c>,
<https://www.youtube.com/watch?v=jDIXE83TXbk>

Events

3rd Webinar Biodiversity Data Standards. Darwin Core and Darwin Core Archive

Dates: 17/2/2022 - 17/2/2022

Organizing institution: GBIF Argentina + VertNet + Biodiversidata

Country: Virtual

Number of participants: 587

Comments: Event: <https://www.gbif.org/event/703d52-d9f6-491f-bde3-398bd5b/3rd-webinar-biodiversity-data-standards-darwin-core-and-darwin-core-archive-in-spanish-only>

Website or sources of verification: <https://www.youtube.com/watch?v=ySauYxTJWCY>

Events

2nd Workshop: Publication of Biodiversity Data with the IPT

Dates: 17/3/2022 - 18/3/2022

Organizing institution: GBIF Argentina + VertNet + Biodiversidata

Country: Virtual

Number of participants: 290

Comments: The workshop had a previous registration with 92 registrations. Because it exceeded the estimated quota (40-60), 70 people were selected, of which 62 were present and 58 obtained the certificate of attendance by participating in Zoom Event: <https://www.gbif.org/event/51b5e8-32a8-48b8-8dae-d4d6496/publication-of-biodiversity-data-with-the-ipt-in-spanish-only>

Website or sources of verification: <https://www.youtube.com/watch?v=g4YSgrdVWRA>,
<https://www.youtube.com/watch?v=WbovUCmMTjM>

Events

4th Webinar: Principles of Data Quality

Dates: 29/3/2022 - 29/3/2022

Organizing institution: GBIF Argentina + VertNet + Biodiversidata

Country: Virtual

Number of participants: 201

Comments: Event: <https://www.gbif.org/event/904c02-5a58-416e-b0a1-519beef/webinar-principles-of-data-quality-in-spanish-only>

Website or sources of verification: https://www.youtube.com/watch?v=nY_jcMS_GUs

Events

5th Webinar: Application of Data Quality workflows

Dates: 7/4/2022 - 7/4/2022

Organizing institution: GBIF Argentina + VertNet + SiB Colombia + GBIF España + GBIF México

Country: Virtual

Number of participants: 199

Comments: Event: <https://www.gbif.org/event/768f1e-d31c-41f4-8fa4-32347eb/webinar-application-of-data-quality-workflows-in-spanish-only>

Website or sources of verification: <https://www.youtube.com/watch?v=4w0cVvIbF5c>

Events

3rd Workshop: Data cleaning using OpenRefine

Dates: 19/5/2022 - 20/5/2022

Organizing institution: GBIF Argentina + VertNet + SiB Colombia

Country: Virtual

Number of participants: 319

Comments: The workshop had a previous registration with 83 registrations. Because it exceeded the estimated quota (40-60), 70 people were selected, of which 50 were present and 32 obtained the certificate of attendance by participating in Zoom Event: <https://www.gbif.org/event/0f76a3-b314-411e-bdef-a1e0ed1/data-cleaning-using-openrefine-in-spanish-only>

Website or sources of verification: <https://www.youtube.com/watch?v=WJPR1Hv5aAs>,
https://www.youtube.com/watch?v=N9Yp2_Quec8

Events

6th Webinar: Biodiversity Data Standards. Darwin Core and Darwin Core Archive

Dates: 16/6/2022 - 16/6/2022

Organizing institution: GBIF Argentina + VertNet + Biodiversidata

Country: Virtual

Number of participants: 159

Comments: Event: <https://www.gbif.org/event/d684a1-43ea-44a3-9381-5855abb/webinar-biodiversity-data-standards-darwin-core-and-darwin-core-archive-in-spanish-only>

Website or sources of verification: <https://www.youtube.com/watch?v=w6wZDM4QKO4>

Events

4th Workshop: Publication of Biodiversity Data with the IPT

Dates: 14/7/2022 - 15/7/2022

Organizing institution: GBIF Argentina + VertNet + Biodiversidata

Country: Virtual

Number of participants: 213

Comments: The workshop had a previous registration with 272 registrations. Because it exceeded the estimated quota (40-60), 90 people were selected, of which 70 were present and 42 obtained the certificate of attendance by participating in Zoom Event: <https://www.gbif.org/event/aa5259-8087-4f7f-b359-5b87858/publication-of-biodiversity-data-with-the-ipt-in-spanish-only>

Website or sources of verification: <https://www.youtube.com/watch?v=L2IIQOFu4LI>,
https://www.youtube.com/watch?v=1GETITIRq_Q

Communications and visibility

The plan described in the proposal was applied with a very good call for participants. The fact of offering activities in Spanish for LAC is something in itself, very attractive to the public.

With the new GBIF scheme to add events, advertising, forms, as well as access to the YouTube channel (where all the videos are located) are available on the CESP2021-007 page a(<https://www.gbif.org/project/CESP2021-007/extending-knowledge-on-biodiversity-data-quality-and-publication-in-the-spanish-speaking-community#news>)

We have generated a report (Communication strategies) detailing the strategies that were carried out to disseminate the activities of CESP2021-007. Report attachment under the name Report Communication strategies

Monitoring and evaluation

Monitoring, evaluation and lessons learned

Final Evaluation:

Project CESP2021-007 was designed for its entirely virtual development. This decision was made given the restrictions generated by the COVID-19 pandemic. Although face-to-face meetings and travel were impossible during this period, the possibility of maintaining remote contact with GBIF publishers and the Spanish-speaking community was taken advantage of.

A series of videos, both of the webinars and deliverables, were generated and made available on YouTube for consultation and reuse. This allowed, especially in the second half of the project, that people who could not attend the synchronous meetings could do so at the time that best suited their schedules. Regarding the workshops, the demand was higher than expected, although the drop in the

number of people in the synchronous meetings in the second part of the project was also evident. We believe that it was due, in part, to the fact that the largest number attended the first editions, both of the webinars and the workshops. In addition, in the second part of the project (during 2022) many people were already resuming their activities in person, which generated schedules with less availability for online training.

We believe that the number and diversity of origins of the participating people express the need for this type of training financed by CESP projects. A total of 3735 people participated in the activities offered in this CESP. The participants were from 19 countries (AR, BO, BR, CL, CO, CR, CU, DR, EC, GT, HN, MX, PN, PY, PE, SP, UY, US, VZ).

We generated two documents that can be consulted when generating similar activities: Report Communication Strategies and Model for Biodiversity Data Mobilization and Data Quality Training. In these documents we identify and list all the activities, tools and strategies that we use in the development of this project. Please consult them for further details.

Best Practices and Lessons Learned:

- Evaluate the activities and the time they require. A webinar consumes less time in your organization, but a workshop consumes much more time than that used in the synchronous meeting.
- Have prepared the graphics that the project will use, as well as hashtags and texts. Plan in advance the communication channels that will be used for dissemination.
- Try to have the presentations in a folder hosted in a cloud, shared among the speakers, so that if someone has a problem with their connection, another speaker can replace them.
- If supplies are needed for the workshops, share them in the cloud, so that they are easily accessible and do not saturate the participants' mailboxes when sending them.
- Try, in the forms, to ask for the emails to be repeated, since many times there are typing errors and then it is almost impossible to communicate with that person.
- If the project is aimed at an audience from different time zones, clarify this in the flyers, either by placing the flags or the names of the countries and the corresponding time.
- For workshops, request to complete the survey as the last requirement to obtain the certificate of attendance. Also clarify that the certificate will be issued with the name and surname data as they appear in the survey.
- Generate a Google calendar (or similar) with all the activities relevant to the organization and dissemination of webinars and workshops and share it with all team members.
- It is desirable that the survey forms send a copy of the response to the person who completes it. In the same way, in some cases, such as confirmation forms, it is desirable that they can only be answered once. It is important to share a contact email at the beginning and at the end of the form, in case any inconvenience arises and communication with the coordinator is needed.
- If any survey or form has a closing date, remind (and reiterate) it to the participants. Once the term has expired, close the form, since the participant who answered on time must be valued. In any case, leave a contact email for any eventuality.
- Regarding the number of participants in the workshops, try to maintain a ratio of 10 to 15 participants – 1 trainer, otherwise it will be very difficult to have time to solve all the queries and give the appropriate feedback to the activities.

Post Project Activity(ies):

We hope that the Spanish-speaking community will reuse the generated videos, as well as the other nodes in the region. The members of the GBIF community participating in the project have disseminated these elements among their publishers and we hope that the number of views of the YouTube videos will continue to increase over time.

In addition, we hope that the documents generated: Report Communication Strategies and Model for Biodiversity Data Mobilization and Data Quality Training, will be consulted and reused by any member of the global GBIF community.

Sustainability plans

All generated material (presentations, flyers, videos, certificates) as well as specific documents and videos can be reused by the GBIF community. Both the Report Communication Strategies and the Model for Biodiversity Data Mobilization and Data Quality Training list the activities, times, tools, as well as indicate a series of good practices and valuable tips to be more effective in the use of your time and power. thus, be more efficient when planning similar activities.

Impact of COVID-19 pandemic on project implementation

The development of the activities of CESP2021-007 project has been as expected. Due to COVID19, this CESP project was planned with 100% of its activities purely virtual. The activities (webinars, workshops) were disseminated by the partner nodes of the project, both to their publishers and to the Latin American community.

We consider that, having 100% of the virtual activities, the reach in terms of the public was very good. Although, like any virtual activity, it is always tied to the connectivity of the participants and time slot problems. From the CESP partners, we had no problems in terms of connectivity, although it is a

potential situation that we always take into account.

The Capacity Support Enhancement Programme (CESP) is funded by GBIF

