

Dates: 24-26 September, Madrid

Location: [Royal Botanic Garden Madrid](#). Sala de reuniones.

Schedule: 9 a.m. to 3:50 p.m.

## September 24th

9 h - 11 h

Welcome with Director of the Botanic Garden and Node Manager of GBIF.ES

Presenting nodes' staff

Practicalities

Presenting both nodes

- GBIF Spain:
  - Node Management
  - Node Structure
  - Work Activities / Services
  - International collaborations
- GBIF Zimbabwe
  - Node staff, informatics infrastructure, etc

11 h - 11:20 h coffee break (Glorieta de la Niña)

Discussion on Node management

### Publication process:

- **Introduction to biodiversity data publication** → theory about the importance of publishing biodiversity data, the barriers we might find engaging data providers and the type of datasets that you can publish through GBIF. - Miguel
- **Steps that should be followed during the publication process** → explanation about the steps that providers should follow before making their data openly and freely available. - Miguel

13:30 h - 14:15 --- Lunch break --- (Glorieta de la Niña)

- **Experience of Zimbabwe on the publication process so far:** datasets already published, institutions engaged, issues, barriers, use of the Cloud IPT, etc.
  - Current and long term situation: potential publishers, IPT installation, strategy for engagement, etc.
- **Discussion**

## September 25th

### Publication process (continuation):

9 h - 11 h (meeting room)

- **How to adapt biodiversity data into the Darwin Core standard** - Katia
- **Basic guidelines about data quality and deputation** - Katia

11 h - 11:20 h coffee break (Invernadero de los Bonsáis)

11:20 h - 13:30 h (office)

- **Useful tools for data quality and depuration** → identify those tools that might be useful for you such as tools related to the management of scientific names, to convert date and coordinates formats, to check the location of registers, and to validate data before publishing them - Miguel and Katia
  - GBIF Species matching
  - GBIF.ES Name parser
  - Canadensys Date parsing
  - GBIF.ES Coordinate converter
  - GBIF Data Validator
- **How to use IPT** → practical session using IPT.zw. Real use case. E.g. medicinal plants checklist dataset? Any other? Admin and user interface.

13:30 h - 14:15 h --- Lunch break --- (Invernadero de los Bonsáis)

14:15 h - 15:50 h Practical session with IPT (continuation)

### City walk and official dinner

#### September 26th

9 h - 11 h (meeting room)

- **GBIF.ES approach on citizen science - Felipe & Cristina**
- **GBIF.ZW approach on citizen science - discussion**
- **The GBIF.ES national data portal and the Living Atlases community - Cristina**

11 h - 11:20 h coffee break (Glorieta de la Niña)

11:20 h - 13:30 h (meeting room)

**Discussion on draft GBIF Zimbabwe Strategic Plan** (to be developed)

**Discussion on further activities in the CESP project**

- Workshop in Zimbabwe about data access with staff from Spain
- Workshop for local providers
- Future deliverables
- Action points

--- Lunch break --- (Glorieta de la Niña)

Open session

#### September 27th

8 a.m. to 3:00 p.m

Field trip to Aranjuez test citizen science apps

