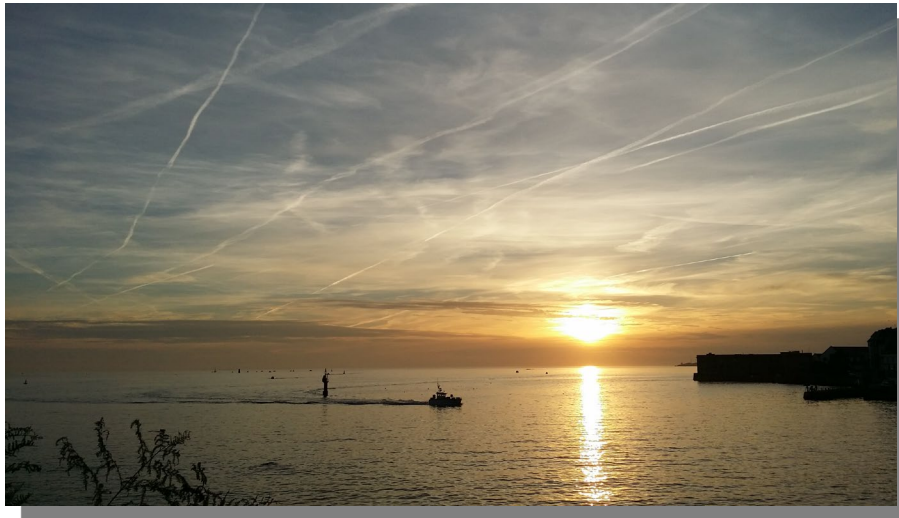


BiodiFAIRse: A Biodiversity dedicated GO FAIR Implementation Network



Anne-Sophie ARCHAMBEAU, IRD / GBIF-France
Yvan LE BRAS, MNHN



B r n ce Batut & Bj rn Gr ning Freiburg University, European Galaxy server, Germany
Anne Fouilloux University of Oslo, Norway
R gine Vignes-Lebbe, Sorbonne University / Marie-Christine Jacquemot, Franck Michel & Philippe Grandcolas, CNRS /
Marc Pignal & Michel Guiraud, MNHN / Jean-Christophe Desconnets & Fr d ric Huynh IRD /
Laurence Mabile & Romain David RDA SHARC, France

BiodiFAIRSe: Training

coordinating FAIR awareness and skills development training

GBIF-BID Capacity Enhancement Workshops
hosted on **GBIF Spain e-learning** platform:

<http://elearning.gbif.es>

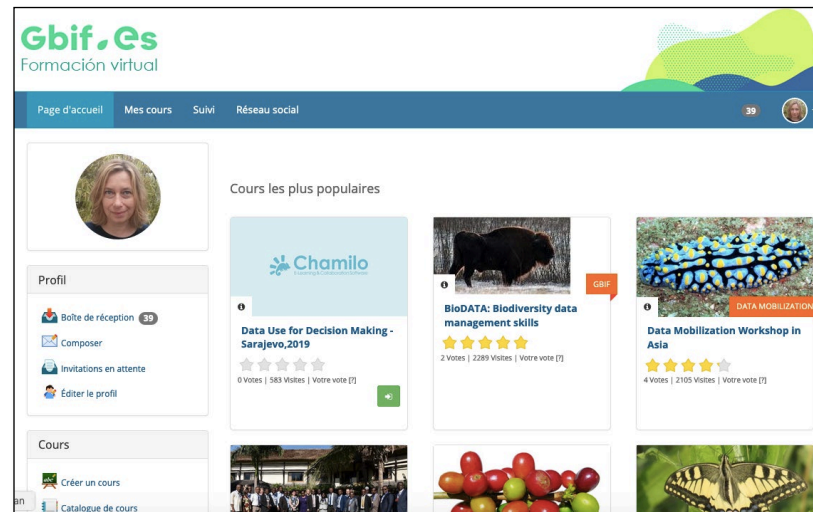
- Biodiversity Data Mobilization (mobilization and digitization planning, standards and data quality, publication of data)

- Data Use for decision making (data cleaning, modelling, mapping, Redlisting, mainstreaming to priority policy needs)

GBIF France e-learning platform:

<http://formation.gbif.fr>

Training and video on data mobilisation, data quality and data publication

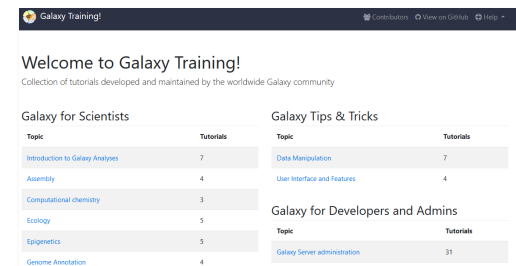


BiodiFAIRSe: Training

coordinating FAIR awareness and skills development training

E-learning activities

- Galaxy for ecology
 - Training material <https://training.galaxyproject.org/training-material/topics/ecology/>
 - Training Infrastructure as a Service <https://ecology.usegalaxy.eu/>
- Training Infrastructure as a Service <https://galaxyproject.eu/tiaas.html>



Galaxy for Scientists		Galaxy Tips & Tricks	
Topic	Tutorials	Topic	Tutorials
Introduction to Galaxy Analyses	7	Data Manipulation	7
Assembly	4	User Interface and Features	4
Computational chemistry	3		
Ecology	5	Galaxy for Developers and Admins	
Epigenetics	5	Topic	Tutorials
Genome Annotation	4	Galaxy Server administration	31

EcoinfoFAIR national Workshop (1st edition 6-8 november 2019)

- *Introductory training session*

- R code oriented coding good practices
 - From R code to R functions and R packages
- R Shiny app development
- Collaborative code versioning, management through git
- Containers through Docker applied for GIS
- From R packaging to conda packaging
- From local R scripts to web Galaxy tools

- *Collaboration fest / hackathon*

- Biodiversity metrics prediction / modeling
 - From raw R scripts to R packages
- Dockerization
 - Of R Shiny apps
 - Of GIS and others ecological related solutions
- From raw scripts to Galaxy tools



Report (in french)

<https://data-access.cesgo.org/index.php/s/kVKmBbTnelNHDL2>

Blog (in french)

<https://thinkr.fr/transformer-plusieurs-scripts-eparpillés-en-beau-package-r/>

TBA -> FAIR pedagogic vectors
 RDA 15th Plenary Meeting - Melbourne,
 Australia
 Draft session proposal