



BIOTALENT with an ambitious e-learning training course

Item 12.2.a CETAF43

Dr Voreadou Catherina
Natural History Museum of Crete-
University of Crete

#CETAF43
@eurotaxonomy



CETAF43 General Meeting (NHM London, 25-26 April 2018)

BIOTALENT: Talent in Biodiversity – Innovative education and new skills to increase engagement in Science

(01/09/2016 - 31/08/2019)

Funded by ERASMUS+ KA2



**EXPLORING
AND DOCUMENTING
DIVERSITY IN NATURE**
Find out more www.cetaf.org



BIOTALENT funding
facilitates the implementation of
all the priorities of the

CETAF Training and e-Learning group



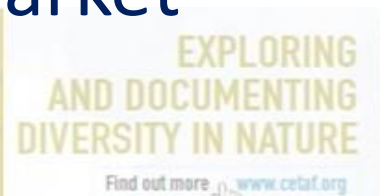
Partnership



Aims

BIOTALENT blended e-learning training course:

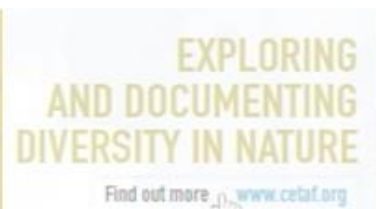
- Will be at the disposal of the **CETAF community**, as a whole.
- Will increase **knowledge and skills** on biodiversity loss and climate change and will engage in conserving Europe's biodiversity
- Will enhance **career opportunities**, providing a competitive appeal on the European labor market



Aims

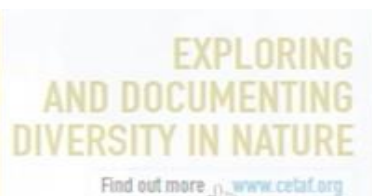
BIOTALENT blended e-learning training course:

- Moreover through its comprehensive knowledge framework it will also contribute to **position the European natural science collections at the centre of data-driven scientific excellence and innovation** which are main priorities of DISSco, Synthesis, Icedig and Mobilise projects.



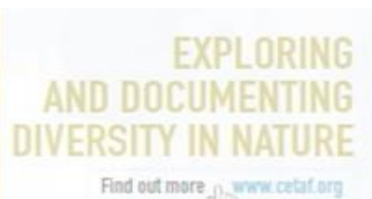
Meetings, Conferences (2017-18)

- **Kick-off Meeting** 20-21 September 2016, HNHM Budapest
- **BIOTALENT EU Conference:** “*Tackling biodiversity challenges through innovative e-learning*” 18 May 2017, RBINS
- **2nd Meeting** 5-6 October 2017, NHM Crete
- **3rd Meeting** 6-7 September 2018, EDUFOR, Portugal



Targeting a diverse audience

- Biology teachers and trainee
- Educators in science museums, botanical gardens, science centers & environmental organizations
- Biologists, rangers and conservation managers at nature reserves, national parks and civil organizations
- Anyone with an interest in biodiversity



Our BIOTALENT course

“BIODIVERSITY IN A CHANGING CLIMATE: E-LEARN MORE”

will run in
JANUARY – MARCH 2019





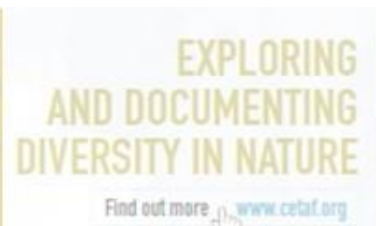
e-Learning training course curriculum

GENERAL MODULE: 20 Hours

BIODIVERSITY AND CLIMATE CHANGE

- Theme 1: Introducing biodiversity
- Theme 2: Exploring biodiversity
- Theme 3: Threats to biodiversity in a changing climate

JANUARY – MARCH 2019





e-Learning training course curriculum

Two case studies on two climate-sensitive
model groups,

**HERPETOFAUNA and MEDICINAL PLANTS:
20 hours/each**

JANUARY – MARCH 2019





e-Learning training course curriculum

HERPETOFAUNA MODULE:

Theme 1: Origin of Herpetofauna

Theme 2: Diversity of Herpetofauna

Theme 3: Physiology and Ecology of Herpetofauna

Theme 4: Threats to the Herpetofauna

Theme 5: Herpetofauna and humans





e-Learning training course curriculum

MEDICINAL PLANTS MODULE:

Theme 1: Plant and habitat diversity

Theme 2: Environmental adaptation and tolerance of plants

Theme 3: Dynamics in plant distribution and the complexity of biogeography





e-Learning training course curriculum

MEDICINAL PLANTS MODULE:

Theme 4: Plant responses to climate change

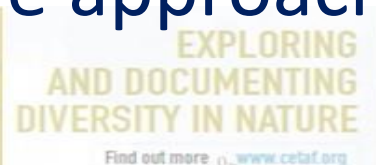
Theme 5: Plants as source for the future (Food, Energy, Industrial uses)

Theme 6: Threatening factors of plant diversity



One more innovation of the course is its **Inquiry Based Learning pedagogical methodology** which:

- Is a learner-centred approach (not teachers' centred)
- Enables learners to experience the processes of knowledge creation
- Allows learning to be stimulated by inquiry
- Is a move to self-directed learning and an active approach to learning.





e-Learning training course curriculum

The online learning components require a
3-4 hours weekly commitment





Attended training course

TRAINING-ON-THE-JOB MODULE: 40 hours

Applying case studies from the e-learning component including

scientific collections-based sessions

for

20 selected participants,

5 consecutive training days on the Island of Crete (Field sessions)



Certificate

The BIOTALENT Training Certificate (**ECVET***)
will be awarded to participants upon
successful completion

***European Credit system for Vocational
Education and Training**



**Course registration
opens September 2018!**

at

<http://biotalent.myspecies.info>



GET INVOLVED!

We need your feedback!



THANK YOU FOR YOUR ATTENTION!



of the world's
described
biodiversity

CETAF43 General Meeting
25-26 April 2018
London, United Kingdom

Dr Voreadou Catherina

**Natural History Museum of
Crete-University of Crete**

voreadou@nhmc.uoc.gr

EXPLORING AND DOCUMENTING DIVERSITY IN NATURE

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Through a network of 50+ natural history collections