



Building the European Biodiversity
Observation Network

Joint Workshop Sierra Nevada LTER and EU BON EU BON site data management workshop

Place (workshop and accommodation): Carmen de la Victoria. Cuesta del Chapiz, 9. 18010 - Granada

Date: 29. – 31. 1.2014

Format: 3-day workshop

Agenda

Wednesday, 29 January

- 09:00 Regino Zamora and Blanca Ramos. **The Sierra Nevada global change observatory.** Introduction
- 09:30 Rut Aspizua and José Miguel Barea. **Methodologies to monitor the impacts of global change in Sierra Nevada.** Variables collected, spatio-temporal scales, etc.
- 10:15 **Coffee Break**
- 10:30 Francisco Bonet. **Linaria: converting field data into knowledge.** Objectives and structure of the information system. ModeleR. OLAP Cubes. Processing remote sensing datasets.
- 12:15 Lunch
- 13:00 **Short introduction of EU BON, aims and work packages, particularly regarding test sites**
- Anke Hoffmann (MfN): Introduction to EU BON (10 min)
 - Juan Negro (CSIC): WP5 goals and activities - what does EU BON expect from established and operating testing sites (20 min)
 - Stefan Stoll (SGN): EU BON test site Rhine-Main Observatory (10min)
 - Thanos Dailianis (HCMR): EU BON test site Amvrakikos Wetlands National Park (10 min)
 - Florian Wetzel (MfN): Short overview gap analysis test sites (15 min)
 - Hannu Saarenmaa (UEF): Information Architecture + Data Integration (15 min)
- + general discussion
- 15:30 Coffee Break
- 16:00 **Short introduction of related European Projects**
- Palma Blonda: The project BIO SOS: Remote sensing and biodiversity data (15 min)
 - Francisco Pando: GBIF Spain and Biodiversity data (Data collection, data processing) (15min)
- 17:00 End of day 1

Thursday, 30 January

09:00 – 18.00 **Field trip.** We will visit a highly monitored area located at the southern part of Sierra Nevada (Alpujarras). It is covered mainly by *Quercus pyrenaica* forests. We will visit a meteorological station and some sensors devices deployed in the forests. We will also collect some data using one of the monitoring protocols carried out in the area. This link (http://wiki.obsnev.es/index.php/EMI_07) show basic information regarding the area (in Spanish)

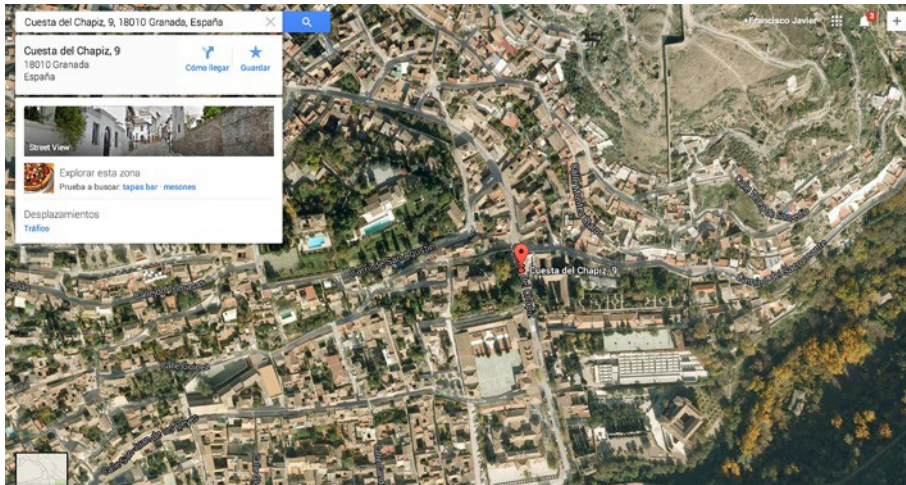
Friday, 31 January

- 09:00 **Relevant research done by local scientists in Sierra Nevada. (2 h)**
- Francisco Bonet. Characterization of the demand for research in Sierra Nevada (5 min).
 - Adela Gonzalez Megias, UGR. Climate change and elevational range shifts: evidence from insects in Sierra Nevada and Alps. (15 min)
 - Jose María Gómez-Reyes, CSIC. Climate change and the potential for hybridization-mediated extinction of endemic high-mountain plants: the case of Sierra Nevada (15 min)
 - Manuel Villar, UGR. Long time series in high mountain lakes: "Global change laboratories" (15 min)
 - Gonzalo Jiménez-Moreno, UGR, Vegetation changes during the Holocene in Sierra Nevada. (15 min)
 - Regino Zamora, UGR. Long time series in plant and animal communities in Sierra Nevada. (15 min)
 - Francisco Bonet, UGR. Data in action: providing knowledge for decision-making. Case study to assess the functioning of Natura 2000 habitats in a global change scenario. (15 min)
- 11:00 **Coffee Break**
- 11:15 **Metacat – LTER Portal** (showcase with some datasets, e.g. moth species)
- 12:30 **Lunch**
- 13:15 **Metacat – LTER Portal** (showcase with some datasets, e.g. moth species)
- 14:30 **End of Workshop**

Venue:

Carmen de la Victoria. Cuesta del Chapiz, 9. 18010 - Granada

<http://goo.gl/q7xBvf>



"Carmen de la Victoria" is a guest's residence that belongs to the University of Granada. Thus, you won't see a label stating "hotel". The main gate is showed below. Just ring the bell (Open 24 hours/day) and ask say that you have a reservation. The receptionist has a list with your name. He/she will show you your room.



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