



# SOURCES

**Integrating historical sources for long-term ecological knowledge and biodiversity conservation**

*Knowing ecosystem states and biodiversity distribution patterns in past periods is crucial to understand the complex relationships between human societies and environmental change and to guide the management of natural resources. However, the information needed to generate this knowledge is scarce and often unavailable for researchers. It is often contained in a diverse array of historical sources (frequently ignored by environmental sciences) and equally diverse natural archives (eg, archaeological or palynological records). SOURCES will bring together a diverse group of scientists to identify sources of ecologically relevant historical information and explore the pathways to mine, standardize, mobilize and share this information.*

**SEVILLA, March 20<sup>th</sup>-24<sup>th</sup> 2023**

**CASA DE LA CIENCIA**







## PUBLIC PROGRAMME

### Monday 20<sup>th</sup>

- 17:00 Registration
- 17:30 Workshop presentation (SUMHAL, LifeWatch Eric & EBD-CSIC)
- 18:00 *Historical ecology through the eyes of a historian*  
Péter Szabo (Czech Academy of Sciences, Czech Rep.)
- 18:30 *Historical ecology in cultural landscapes: highlights, challenges, new ideas*  
Chelsey Geralda Armstrong (Simon Fraser Univ., Canada)

### Tuesday 21<sup>st</sup>

- 9:00 Registration
- 9:30 *Exploring landscape changes in the Ordesa and Monte Perdido NP: centennial pictures, American flight, and remote sensing*  
Begoña García (IPE-CSIC, Spain)
- 10:00 *Historical spatial data and current carnivore habitats*  
Dominik Kaim (Jagiellonian University, Poland)
- 10:30 *A better understanding of biodiversity dynamics in the Anthropocene*  
Naia Morueta Holme (Univ. Copenhagen, Denmark)
- 11:00 Break
- 11:30 *Reconstructing historical landscapes from written sources*  
Miguel Clavero (EBD-CSIC, Spain)
- 12:00 *How Early Modern paintings inform about historical aquatic biodiversity*  
Anne-Sophie Tribot & Thomas Changeux (Aix-Marseille Univ., France)
- 12:30 *Trophic rewilding restoration- insights from macro- and paleoecology*  
Jens-Christian Svenning (Aarhus Univ., Denmark)
- 13:00 Lunch
- 14:30 *Dendroecology: time and wood*  
Jesús J. Camarero (IPE-CSIC, Spain)
- 15:00 *Rapid extraction of spatial data from historical maps*  
Rafael Schouten (Univ. Copenhagen, Denmark)
- 15:30 *Land use histories and their implications for conservation action*  
Catalina Munteanu (Humboldt Univ., Germany)
- 16:00 *Historical freshwater fauna in Spain*  
Francisco Blanco-Garrido (EBD-CSIC, Spain)
- 16:30 Closing

