

AMBER & Dam Removal Europe

Opening barriers in European rivers

April 16 - 17, 2018 | Madrid, Spain

Venue:

Aula de Seminarios. ETS de Ingeniería de Montes, Forestal y del Medio Natural. Universidad Politécnica de Madrid (School of Forestry and Natural Resources Engineering. Polytechnic University of Madrid).
C/ José Antonio Novais, 10. 28040 Madrid

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Program

16 april 2018: Technical Talks

- 10:00 **Opening and welcome**

Director of the School of Forestry and Natural Resources Engineering (Polytechnic University of Madrid). Presentation: AMBER partners and teams in Spain: AEMS-Rios con Vida and World Fish Migration Foundation. DAM REMOVAL EUROPE Partners and teams in Spain: WWF and World Fish Migration Foundation.
- 10:15 **Video projection**

AMBER Citizen Science Portal and Barrier Tracker app. Video DAM REMOVAL EUROPE.
- 10:30 **Press releases:**

AMBER Citizen Science Portal & Barrier Tracker App / DAM REMOVAL EUROPE / World Fish Migration Day (WFMD).
- 10:50 **Status and progress**

Of the AMBER and DAM REMOVAL EUROPE initiatives. Rosa Olivo (World Fish Migration Foundation) & César Rodríguez (AEMS-Rios con Vida).
- 11:10 **An inspiring movement**

Dam Removal Europe: an inspiring movement. Bart Geenen (WWF) / Jeroen van Herk (Dam Removal Europe)
- 11:20 **From Sea to Source guidance**

- 11:30 **Coffee break**
- 12:00 **National Strategy for River Restoration**

Status and progress of the National Strategy for River Restoration (ENRR). Javier Sánchez (National Water Board-DGA)
- 12:20 **Plans and projects**

For the removal of dams and restoration of fluvial connectivity in the Duero River Basin. Carlos Marcos (Duero River Basin Authority- CHD)
- 12:40 **Hydropower**

Environmental adaptation of hydropower. European project H2020 FiHydro. Javier Sanz Ronda (ETSII Agrarias, University of Valladolid)
- 13:00 **Integrated fish passes**

Results on integrated fish passes. Gustavo González (CIREF, LIFE-Cipriber).
- 13:20 **The AMBER project**

Online intervention from the AMBER project coordinator: Carlos García de Leániz (Swansea University)
- 13:40 **Lunch**
- 15:00 **Analysis of fragmentation in Spanish river basins**

Analysis of fragmentation in Spanish river basins: conclusions of the CIREF & Wetlands International Report. Gonzalo Rincón. PhD student of the School of Forestry and Natural Resources Engineering (Polytechnic University of Madrid).

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- 15:20 **Transversal drainage works**
And passability for the ichthyofauna: a problem, an opportunity. Tasio F. Yuste & Carolina Martínez (School of Forestry and Natural Resources Engineering, UPM).
- 15:40 **Fluvial regulation**
Environmental effects in the medium and long term. Diego García de Jalón (School of Forestry and Natural Resources Engineering, UPM)
- 16:00 **Legal tools and experiences**
Legal tools and experiences on environmental adaptation and elimination of concessions. Pedro Brufao (University of Extremadura, AEMS-Rios con Vida).
- 16:20 **Manual removal of an unused dam**
Manual removal of an unused dam in the Bornova river. Ignacio Rojo (Association of Anglers for the Conservation of Rivers- APCR)
- 16:40 **Break**
- 17:00 **The obstacle course of removing obstacles in rivers**
The obstacle course of removing obstacles in rivers. Alberto Fernández Lop (WWF Spain)
- 17:20 **AMBER partners in Spain**
Online intervention of AMBER partners in Spain: Eva García Vázquez / Eduardo Dopico (University of Oviedo)
- 17:40 **The case of the River Cuerpo de Hombre**
More than 30 dams in 50 km. José A. López (Sports Club of Hunters and Fishermen "Peña de la Cruz" of Béjar).
- 18:00 **Colloquium and debate**
Colloquium and debate
- 19:00 **Wrap up and closing**
Wrap up and closing.

17 april 2018: Field Visit

8:30-15:00 **Field Visit**

The second day we will visit the result of the restoration done after the demolition of the Robledo de Chavela dam on the Cofio river (Madrid). With 22.7 meters of height, this dam is the highest that has ever been demolished in Spain, being eliminated by the CHT in 2015 as part of an ambitious river restoration project. The objective of this visit is to understand first-hand the details of the demolition of the dam and the problems that technicians face when implementing these type of projects. We will then move to the bypass built in Valdemaqueda, also in the Cofio River. One of the existing solutions to mitigate the problem posed by barriers in use is the construction of fish passes. We will know the importance of evaluating the need and also the effectiveness of these devices once they are built.

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