



<https://firelinks.eu/>

presents a public session
on:

Fires and the Water Cycle: Impacts and Management



19 February 2020

Anf. 13.1.19 (DFIS) University of Aveiro

Register in <https://forms.gle/LXgwy4j3MYfotp4U8> until 14 February

Fires can have severe impacts on water quality. Fires disturb vegetation cover, create an ash layer rich in potential contaminants, and increase contaminant mobilisation by enhancing runoff and erosion. This may lead to the contamination of surface and groundwater resources with suspended sediments, metals, organic compounds and nutrients. While many of the potential impacts are known, key knowledge gaps remain on their probability of occurrence, magnitude, and longevity. Overcoming these gaps is essential to support decision-makers in addressing these risks.

This session will join together researchers and managers from several European countries to discuss our current understanding of the impacts of fire on water quality, and available solutions to mitigate these impacts.

14h00-15h15: Session 1 – fire impacts on soils, water and biota

João Pedro Nunes (University of Lisbon, PT)

Jonay Neris Tomé (Swansea University, UK)

Nelson Abrantes (University of Aveiro, PT)

Roundtable discussion moderated by Diana Vieira (University of Aveiro, PT)

15h15-15h45: coffee break

15h45-17h00: Session 2 – managing hydrological fire impacts

Cristina Fernández (Lourizan Forest Center, ES)

João Pinho (ICNF – Institute for Nature Conservation and Forests, PT)

Artemi Cerdá (University of Valencia, ES)

Roundtable discussion moderated by Diana Vieira (University of Aveiro, PT)