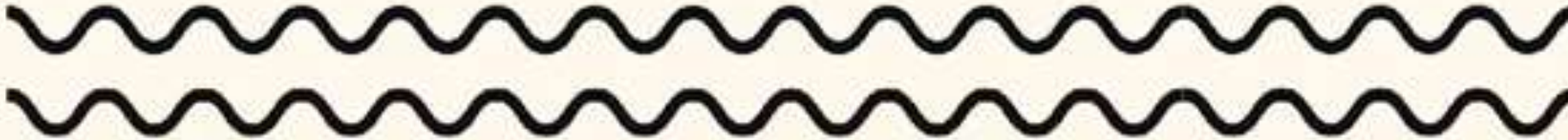


5.ª Conferência Internacional da Rede de Museus da Água
5th International Conference Of The Global Network Of Water Museums

water museums
net





Presentation of Water in Lyon
“Water in Lyon and the
Cornish Pump”
5th International Conference of
WaMu-Net in Porto
September 8th to 12th, 2024



Saint-Clair Site,
A jewel of water heritage located in the
Lyon Metropolis

Presentation of the association “Water in Lyon and the Cornish pump”

The association aims to safeguard and promote the former Saint-Clair water plant which was commissioned for the water supply of Lyon in 1856.

The entire site is owned by the Lyon Metropolis.



Galleries and Filter Basins



4,000 square meters of galleries and filtration basins



wamu-
net



The Cornish Pump

In use from 1856 to 1910

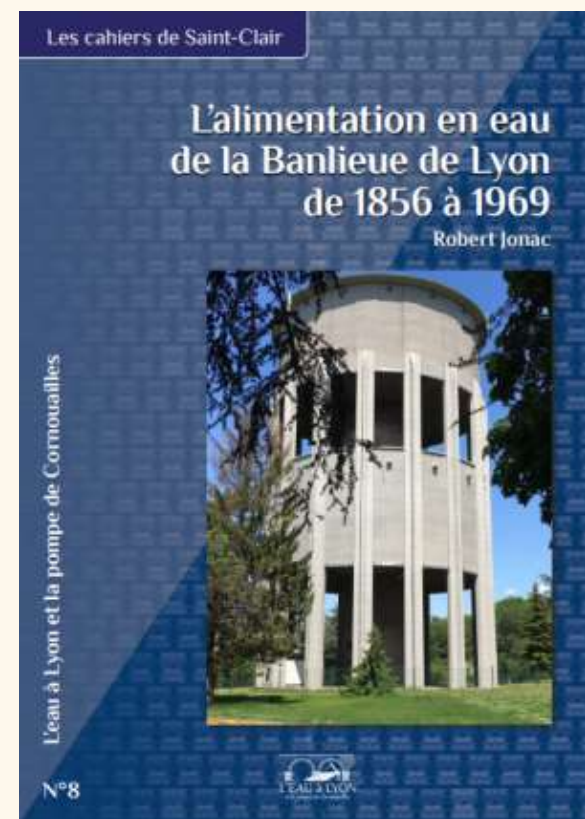
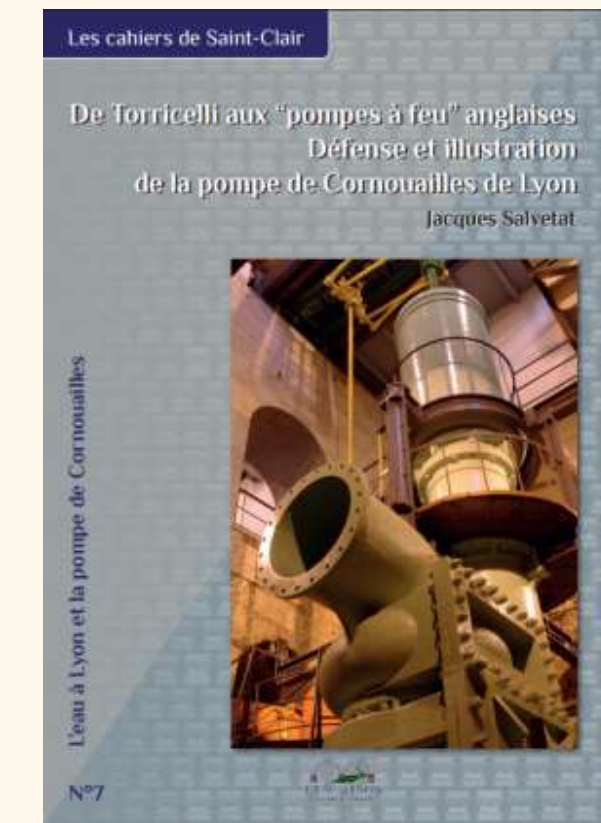
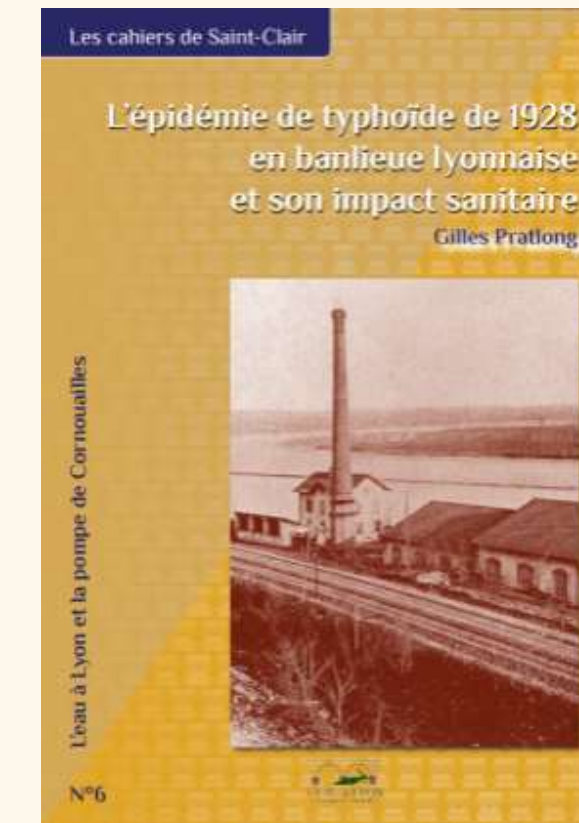
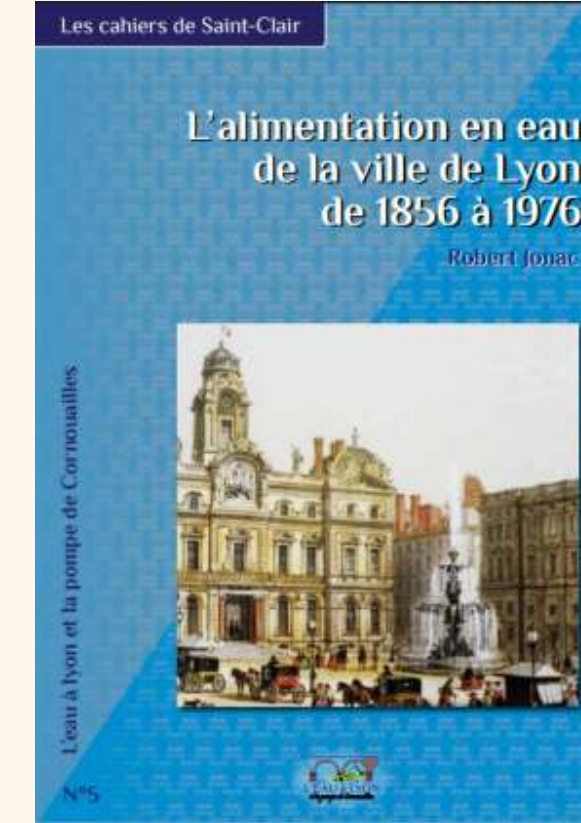
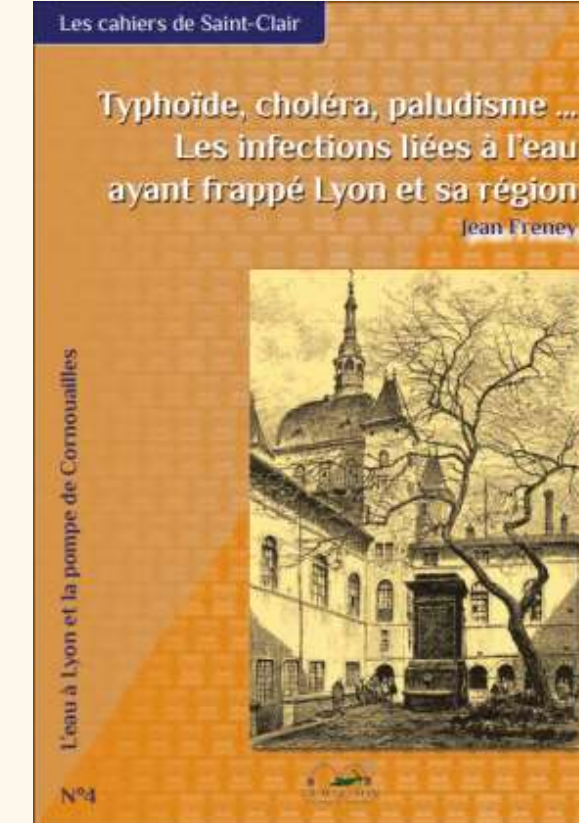
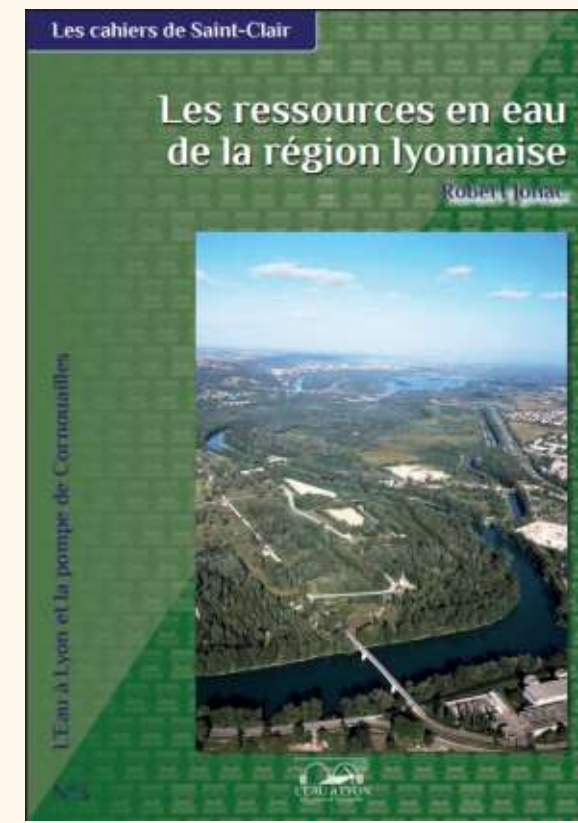
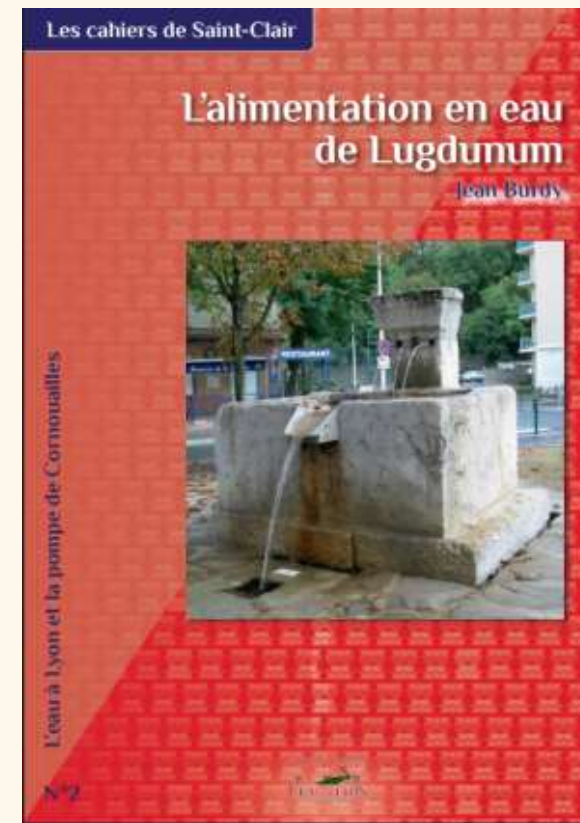
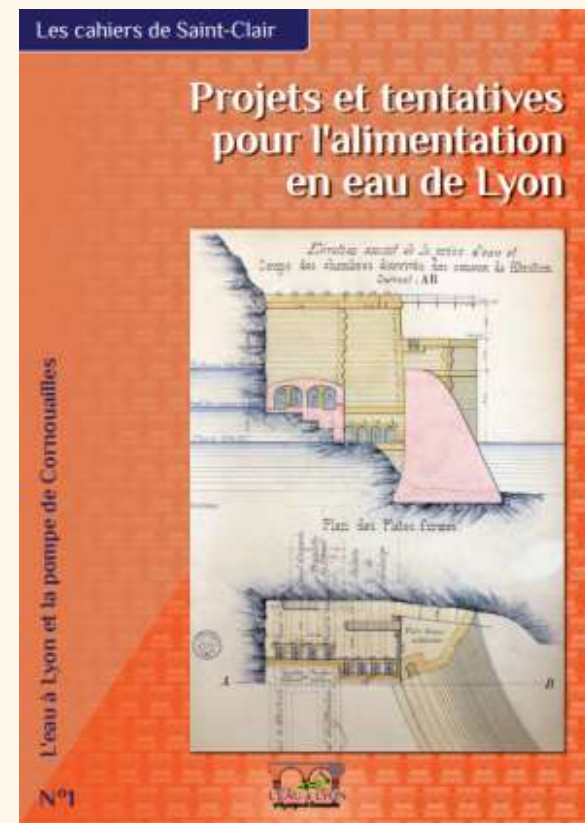


Example of Achievement: Implementation of the first Water Heritage Conference

In 2023, for the 20th anniversary of the association, we organized the first Hydraulic Heritage Conference with 22 speakers including two speakers from abroad.



Example of Achievement: The publications of the history of the Lyon water supply “Les Cahiers de Saint-Clair”



We have published 800 pages on the history of the Lyon water supply.

A history that spans 2,000 years (from 43 BC to today).

Example of Achievement: Management of a water museum with over 1000 artifacts

And
thriving
thanks to
many
donations!



Interactive experiences with school children are proposed year-round as well as during the Science Festival



Example of Achievement: Creation of a Cultural and Scientific Educational Space to welcome school children



School visits are possible with several educational themes (still being organized)

The Three main missions that distinguish the Saint-Clair Site

Tourism and Expansion of Knowledge

A place that is welcome for visits with a focus on culture with inventive activities and seminars. These visits are guided by the team and support educational goals.

An updated approach in the domain of water

Dedication to water and its history, from past to present and the future. This application takes place in the Cultural and Scientific Educational Space with an ecological dimension.

Resource center that promotes industrial and scientific history of Lyon

The historic site of Saint-Clair is a gateway to the famous “Innovation Factory” of Lyon. It is considered to be one of the identifying elements of the city of Lyon, rich in the transversality of its know-how.

An updated approach in the domain of water at Saint-Clair

The hydraulic ram

Lifting water with water “Plus écol’eau tu meurs !” (a French expression from the hydraulic institute of Pavillon de Manse in Chantilly, France).

The tree and pumping water (searching for collaborators)

Known physical laws limit the suction height of water to 10 meters. But trees can accomplish much more than this, reaching heights of 30 to 40 meters. Towards a biomimetic approach. An emerging project of models to arouse the curiosity in a surprising ecological world!



Ancient techniques revisited (searching for collaborators)

One example is the inverted Archimedes screw, which is a means of producing electricity which allows for the safe passage of fish and sediment.

History of pumping water (searching for collaborators)

The need to pump water since ancient times has been a great driver of technological advancement.

The old water factory of Saint-Clair is a unique space where history, engineering skills and sensation join for an updated approach in the domain of water



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obrigado
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