



Semaine du climat

**18.04 – 26.04**

# ESCHER Klimawoche

**L'eau face aux extrêmes :  
sécheresses, inondations et résilience**

Entrée gratuite pour  
tous les événements



**#LIEWENZUESCH**





Dear residents,

We are pleased to invite you to the Escher Climate Week, which this year focuses on the theme of **'Water in the face of extremes: droughts, floods and resilience'**.

Prolonged droughts, heavy rainfall and flooding are increasingly affecting our region and our daily lives. In the face of these extreme phenomena, it is essential to adapt our cities, strengthen their resilience and collectively rethink how we manage and preserve water.

This week will be an opportunity to explore and better understand the challenges related to water, a vital resource that is now heavily impacted by climate change.

Through a varied programme combining screenings, conferences, immersive experiences, field visits and exchanges with citizens, the 'Escher Klimawoch' invites everyone to learn, reflect and take action. Together, let us commit to more sustainable water management and to a region capable of facing the climate challenges of today and tomorrow.

**Christian WEIS**, Mayor

**Meris SEHOVIC**,



## Film screening: Mad Max: Fury Road

In an apocalyptic future, water has become a rare commodity. In this world devastated by war over water and oil, where the law of the strongest prevails, Max tries to survive in this ruthless environment. He crosses paths with Furiosa, a woman determined to escape the tyrant Immortan Joe. Together, they embark on a breathless chase for freedom.

- o Saturday 18 April
  - o 7:00 p.m. – 9:00 p.m.
  - o Kinopolis Belval (7, Avenue du Rock'n'Roll L-4361 Esch-sur-Alzette)
  - o Language: Original English version with German/French subtitles
  - o Rated 16
  - o Registration: 26 541 541 / [ecologie@villeesch.lu](mailto:ecologie@villeesch.lu)
- Free soft drinks, popcorn and nachos



## Film screening: 'Flow, the cat who was no longer afraid of water'

An animated film for the whole family: A cat wakes up in a world flooded with water, where all human life seems to have disappeared. He finds refuge on a boat with a group of other animals. But getting along with them proves to be an even greater challenge than overcoming his fear of water! Now they must all learn to overcome their differences and adapt to the new world they find themselves in.

- o Sunday 19 April
  - o 2.30pm – 4.30pm
  - o Kinopolis Belval (7, Avenue du Rock'n'Roll L-4361 Esch-sur-Alzette)
  - o Language: film with sound but no dialogue
  - o Suitable for all ages – family film
  - o Registration: 26 541 541 / [ecologie@villeesch.lu](mailto:ecologie@villeesch.lu)
- Free soft drinks, popcorn and nachos



## Film screening: 'The Wave'

Come and see a spectacular disaster film: after several years spent monitoring the mountain overlooking the fjord where he lives, scientist Kristian is preparing to leave the region with his family. When a section of the mountain breaks away and causes a tsunami, he must find his family and escape the devastating wave. The countdown has begun...

- o Monday 20 April
  - o 7:00 p.m. – 9:00 p.m.
  - o Kinopolis Belval (7, Avenue du Rock'n'Roll L-4361 Esch-sur-Alzette)
  - o Language: French
  - o Registration: 26 541 541 / [ecologie@villeesch.lu](mailto:ecologie@villeesch.lu)
- Free soft drinks, popcorn and nachos

## Game night

Join us for a fun and friendly evening of games focused on the environment, climate and, more specifically, water, an essential resource that shapes our territories.

Whether you are a beginner or an experienced player, come and share a moment of play, exchange and reflection in a relaxed atmosphere. The games on offer address the themes of water, rivers, biodiversity and environmental protection, combining cooperation, knowledge and strategy in the face of climate challenges.

- o Tuesday 21 April
  - o 6:00 p.m. – 9:00 p.m.
  - o Bei de Minettsdäpp (8, Rue Berwart, L-4043 Esch-sur-Alzette)
  - o Language: Luxembourgish, French, English and German
  - o Registration: 26 541 541 / [ecologie@villeesch.lu](mailto:ecologie@villeesch.lu)
- Free soft drinks and sandwiches



## Professional Day

Climate change has a significant impact on the water cycle. Periods of prolonged drought are followed by episodes of intense rainfall that saturate the soil, put pressure on infrastructure and cause flash floods. Falling groundwater levels are accompanied by increasingly frequent flooding. Between scarcity and excess, a fragile balance is shifting.

Organised as part of the 'Escher Klimawoch', this professional day offers a cross-disciplinary look at these hydrological extremes. How do they manifest themselves in Luxembourg and the Greater Region? What scientific findings can we establish? What impacts are we already seeing on ecosystems, biodiversity, agriculture and urban areas?

The discussions will also focus on concrete courses of action: sustainable water management, resilient urban planning, renaturation of rivers, adaptation strategies for the agricultural sector, neighbourhood design that integrates water as a structuring element, and approaches inspired by the 'sponge city' model.

The aim of this Professional Day is to bring together knowledge, exchange perspectives and encourage dialogue between science, institutions and on-site work. Because it is in the way we learn to live with these extremes that the resilience of our territories is built.



## **Programme**

- **9:00 a.m.: Welcome**
- **9:30 a.m.: Morning conferences**

**Presentation of the issues and impacts observed in Luxembourg and the Greater Region**

- **12:15 p.m.: Lunch provided by the City of Esch**
- **1:00 p.m.: Afternoon conferences**

**Presentation of concrete courses of action and appropriate solutions**

- **Wednesday, 22 April**

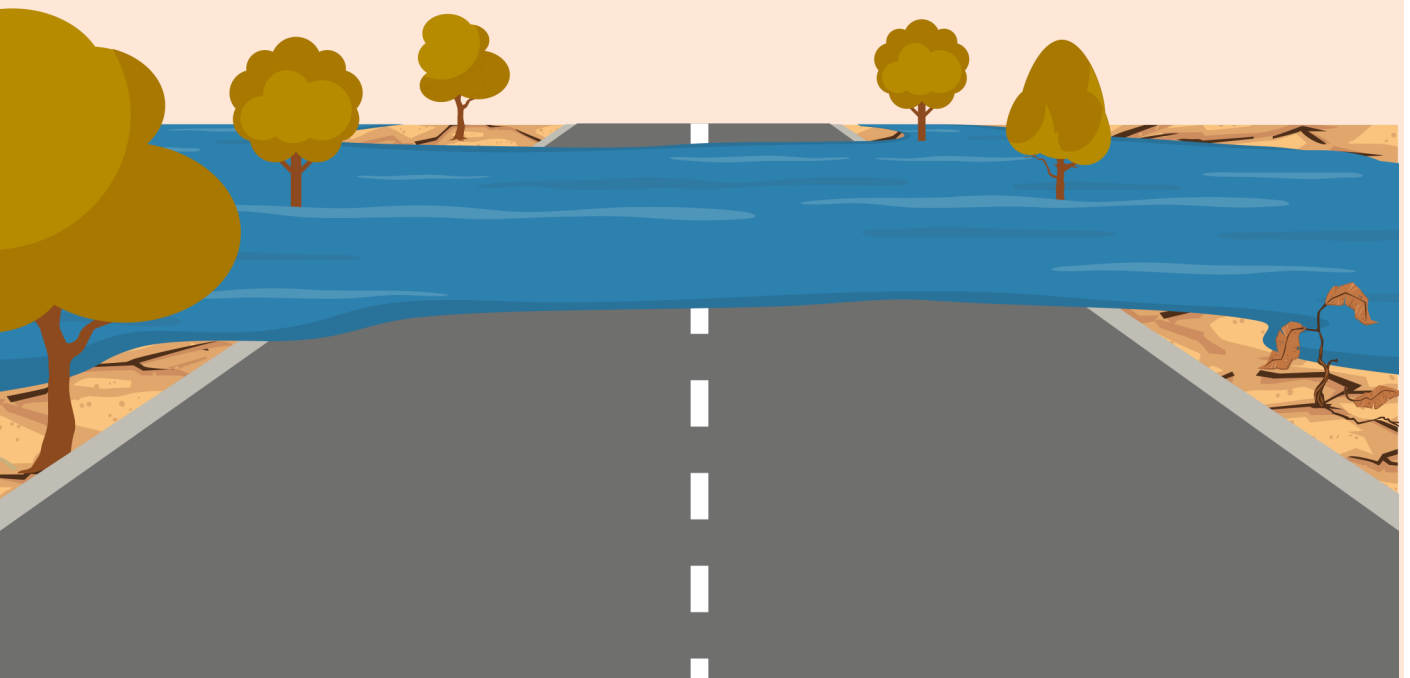
- **9:00 a.m. – 4:00 p.m.**

o **Location: City Hall / L-4138 Esch-sur-Alzette**

o **Language: Luxembourgish, German and French, with simultaneous translation into German and French provided for the event.**

o **Registration: 26 541 541 / [ecologie@villeesch.lu](mailto:ecologie@villeesch.lu)**

o **Registration possible for the full day or for morning or afternoon sessions only**



# Conference 'What if we could cultivate water'

by Samuel Bonvoisin

Droughts, floods: the slogan we hear everywhere is 'we must adapt'. Agreed! But is this the only way, the only lever we have at our disposal to develop our resilience on a regional scale? What if we could do much better... like cultivating water: an invitation to take concrete action, each at their own level.



## o Programme:

- 6.30 pm: Welcome address by the City of Esch
- 6.35 pm: Introduction to the theme by the City of Esch
- 6.50 pm: Conference 'What if we could cultivate water?'
- 8.30 pm: Reception

## o Wednesday 22 April

o Time: 6.30pm – 9pm

o Location: City Hall, Esch-sur-Alzette

o Language: French, with simultaneous translation into German provided for the event.

o Registration: 26 541 541 / [ecologie@villeesch.lu](mailto:ecologie@villeesch.lu)



Samuel Bonvoisin is a lecturer and trainer in permaculture, specialising in regenerative hydrology. For many years, he has been sharing practical solutions for better water management, from gardens to entire regions. He is co-author of the book 'Cultiver l'eau douce' (Cultivating Fresh Water).

## Climate Sense Experience

Come and experience the extreme conditions of a 50°C heatwave!

An innovative truck, designed to simulate extreme weather conditions, is travelling around Luxembourg to explore and illustrate the impacts of climate change on our daily lives. Through immersive experiences, this vehicle allows participants to directly experience the challenges that lie ahead.

It is an opportunity to raise awareness by allowing people to feel the effects of such temperatures on their bodies, their brains and... on society.

Climate Sense is a project created by the Human Adaptation Institute and conceived by Christian Clot.

30-minute session per group of 10 people followed by a 20-minute debriefing.

30-minütige Sitzung für Gruppen von 10 Personen, gefolgt von einem 20-minütigen Debriefing.

Due to the 50°C temperature inside the truck and its effects on the body, this experience is not accessible to:

- o Children under 12 years of age
- o Teenagers between the ages of 12 and 18 must be accompanied by a parent or legal guardian.
- o Pregnant women.
- o People taking aspirin.
- o People suffering from headaches or nausea at the time of the experiment.

A liability waiver must be signed by each participant.

Please remember to bring a spare T-shirt.

### Wednesday, 22 April

- o 8:00 a.m. – 5:30 p.m.
- o Place de l'Hôtel de Ville / L-4138 Esch-sur-Alzette

### Thursday, 23 April

- o 9:00 a.m. – 5:00 p.m.
- o Parking LIST / 41, rue du Brill / L-4422 Belvaux

### Friday, 24 April

- o Commune of Villerupt (France)

- Language: French and English

Registration is available via the link: <https://infomaniak.events/de-ch/shop/HVP459FN42/>



## Film screening: 'La soif du monde'

Against a backdrop of strong growth in demand, an increase in the global population and the worsening effects of climate change, water has become one of the planet's most precious natural resources. Filmed in around twenty countries, this film reveals the mysterious and fascinating world of fresh water through spectacular aerial images shot in regions that are difficult to access. It also dares to contrast Yann Arthus-Bertrand's famous aerial view of the world with the harsh daily reality of all those who are deprived of water, sometimes dying from it and fighting to obtain it.

- o **Thursday 23 April**
- o **7:00 p.m. – 9:00 p.m.**
- o **Kinopolis Belval (7, Avenue du Rock'n'Roll L-4361 Esch-sur-Alzette)**
- o **Language: French**
- o **Registration: 26 541 541 / [ecologie@villeesch.lu](mailto:ecologie@villeesch.lu)**
- o **Complimentary soft drinks, popcorn and nachos**



## 3rd Citizen Climate Forum

‘I love water, but in 20 or 30 years there won't be any left...’

(Jean-Claude Van Damme, 2010)

This statement made by Jean-Claude Van Damme in an interview may make us smile, but 16 years later, it turns out that he wasn't entirely wrong. Unfortunately.

The cause is climate change, which is leading to an increase in heavy rainfall, causing more and more flooding, and periods of drought that are more frequent and longer than before, threatening our drinking water supply.

With households consuming 60% of the total volume of drinking water, consumers have significant leverage to better protect this precious resource.

That is why the City of Esch – together with Transition Minett – invites you to participate in the 3rd Citizen Climate Forum on the theme of “Water in the face of extremes: droughts, floods and resilience”.

The aim of this forum is to promote citizen participation and initiate a dialogue between the City of Esch and civil society on issues related to climate change and the necessary adaptations.

### Programme

- **9.30 a.m.: Welcome**
- **10 a.m.: Welcome speeches by the City of Esch and Transition Minett**
- **10.15 a.m.: Discussion on water management in the context of climate change**
- **12.30 p.m.: Lunch provided by the City of Esch**

o **Saturday 25 April**

o **Time: 9:30 a.m. – 1:30 p.m.**

o **Location: Nonnewisen Primary School (Place Adeline Pellegrino, L-4272 Esch-sur-Alzette)**

o **Language: Luxembourgish and French**

o **Registration: 26 541 541 / [ecologie@villeesch.lu](mailto:ecologie@villeesch.lu)**



## **Guided tour: Renaturation to protect against flooding**

Discover how river renaturation helps prevent flooding during a guided field trip. An expert will accompany you to explain, in a simple and accessible way, how projects carried out in Esch, particularly on the Alzette and Dipbach rivers, are giving rivers back their space and providing lasting protection for the population and the environment.

- **Saturday 25 April**
- **1.30pm – 3pm**
- o **Departure: in front of Nonnewisen Primary School (Place Adeline Pellegrino, L-4272 Esch-sur-Alzette)**
- **Language: Luxembourgish and French**

## **Serious game: become a water guardian in Nonnewisen!**

Fancy an innovative, collective, fun and engaging adventure? Then become a water guardian in Nonnewisen!

Through fun puzzles, stories and discoveries, players will explore the neighbourhood from a water perspective.

Specifically, it is a 'serious game' treasure hunt designed by Transition Minett, which is played using the free 'Baludik' app.

To close Escher Klimawoch, Transition Minett invites you to a group game session on Sunday 26 April at 3 p.m. (meet in front of Nonnewisen primary school).

You can also play it on your own right now by following the instructions below.

- **Sunday 26 April**
- **3 p.m. – 4.30 p.m.**
- **Departure: in front of the Nonnewisen primary school (Place Adeline Pellegrino, L-4272 Esch-sur-Alzette)**
- **Route approximately 2 km long**
- **Language: French**
- **Remember to charge your phone before the game starts**
- **Install the 'Baludik' app in advance**
- **Wear comfortable shoes**



## Call for participation – Klimateam

Klimateam is the driving force behind the implementation of Climate Pact 2.0 in Esch-sur-Alzette. It brings together committed citizens, political representatives, municipal administration staff and local stakeholders. Together, they monitor energy and climate projects, evaluate current measures and develop new ideas to strengthen climate protection and the resilience of our city.

The Klimateam actively contributes to strategic decisions and ensures that municipal actions are consistent with the objectives of the Climate Pact.

Are you interested in environmental and climate issues? Would you like to get involved and contribute your ideas for the future of Esch? Then join the Klimateam by sending an email with the subject line 'Klimateam' to [ecologie@villeesch.lu](mailto:ecologie@villeesch.lu).

Want to exchange ideas, debate and make your voice heard? The Citizens' Forum on Saturday 25 April also offers you an open space for participation to discuss the climate issues facing our municipality together.



## The City of Esch Environmental Department

Would you like to be kept informed about the events we organise? Sign up for our events newsletter by sending an email with the subject line 'Newsletter' to [ecologie@villeesch.lu](mailto:ecologie@villeesch.lu).

You will receive a notification as soon as a conference, workshop or activity that may be of interest to you is scheduled.

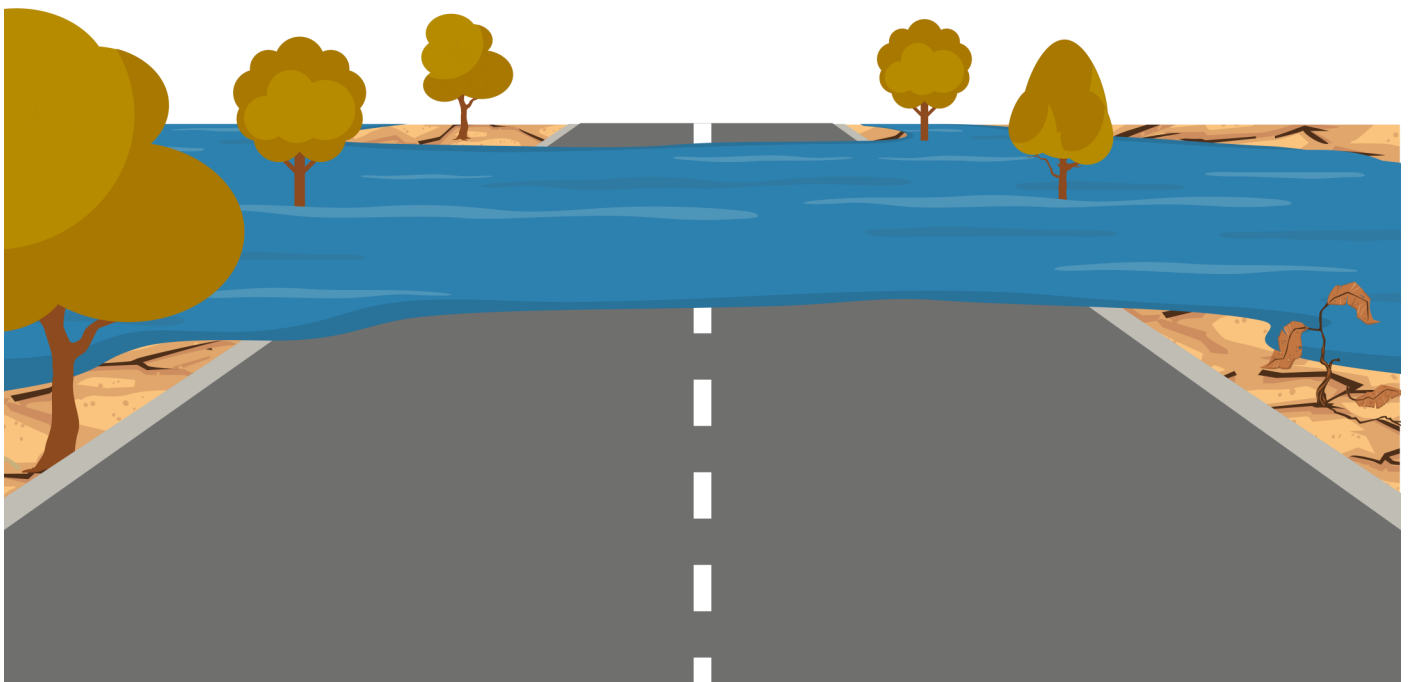
Would you like to stay informed about news, projects and initiatives promoting the environment and climate in Esch-sur-Alzette?

Follow us on Facebook via our 'EkologEsch' page. There you will find up-to-date information about our activities, events, awareness campaigns and local initiatives.

The City of Esch also offers various subsidies in the areas of sustainable mobility, energy efficiency, the purchase or repair of household appliances, as well as biodiversity and environmental protection.

All information and conditions are available at:

[subventions.esch.lu](http://subventions.esch.lu)



### **Mobility**

Take advantage of free public transport. We encourage you to use public transport or soft mobility.

More information at [www.mobiliteit.lu](http://www.mobiliteit.lu)

### **Images**

When participating in an event, photos and videos may be taken and shared on the official channels of the City of Esch.

You can object to this processing by contacting the DPO: [dpo@villeesch.lu](mailto:dpo@villeesch.lu)

### **Stay informed**

Would you like to be kept informed about environmental events?

Sign up for our events newsletter by sending an email with the subject line 'Newsletter' to [ecologie@villeesch.lu](mailto:ecologie@villeesch.lu).