

TRIBINA STUDENATA GRAĐEVINSKOG FAKULTETA

Plavljenje urbanih sredina

PROF. DR SLOBODAN ĐORĐEVIĆ
profesor Univerziteta u Ekseteru

08.04.2025.

17h

PRIJAVE NA LINK U OPISU PROFILA

Drugi deo

Umetnički prikazi
plavljenja

Sadržaj

- Kviz
- Vode i poplave u umetnosti ???
- Primeri:
 - ✓ književnost
 - ✓ muzika
 - pozorište
 - ✓ slikarstvo
 - vajarstvo
 - ✓ arhitektura
 - film
 - ✓ građevinska hidrotehnika

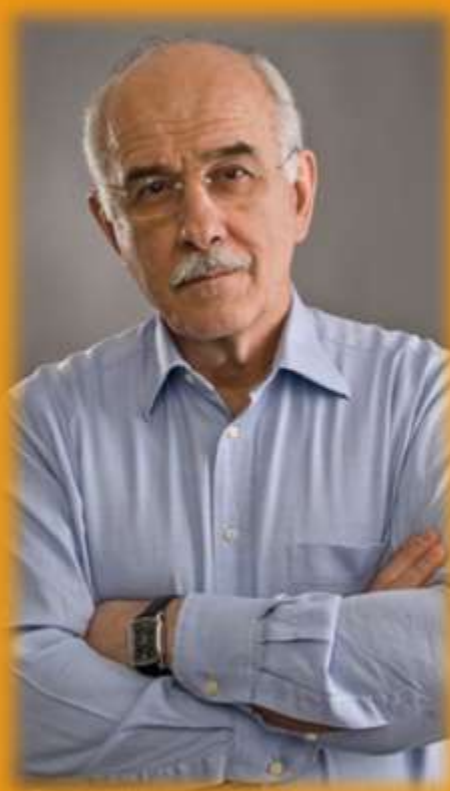
Kviz: ko su pijanisti na slici?



Keith Emerson



Keith Jarrett



Kornelije Kovač



Matija Dedić



Michel Petrucciani

Kviz: ko su pijanisti na slici?



Herbie Hancock



Hiromi Uehara



Chick Corea



Jon Batiste



George Gershwin

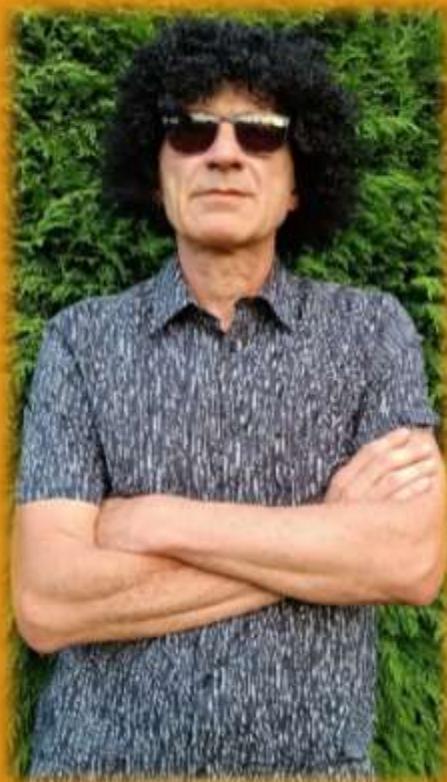
Kviz: ko su pijanisti na slici?



Nina Simone



Roberto Fonseca



Slobodan Đorđević



Franz Liszt



Frédéric Chopin

Poplave i umetnost ???

Poziv na pristupno predavanje
(Čekajući sledeću poplavu...)

Za bavljenje naukom o poplavama, kao i
za sviranje muzike, potrebno je imati
mašte i biti tehnički vešt.

Prirodne katastrofe donose muke i stres,
a umetnost čini naše živote bogatijim.

<https://www.youtube.com/watch?v=MpJQaHPU1NA>



While waiting for the next flood...

Professor Slobodan Djordjevic
Professor of Hydraulic Engineering

Wednesday 10 June 2015, 5:30pm Lecture, 7:30pm Piano Recital
Frank Oliver Recital Hall, Kay House Duryard, EX4 4RE

Refreshments will be served at 6:30 (after the talk) and at 8:30 (after the concert)



Recent flood events have caused deaths, displacement of people and have had enormous (mostly adverse) direct and indirect impacts. Projections of climate change and of urban growth indicate that the frequency and intensity of floods will increase in many regions, especially in big cities.

The complexities of natural, technological and socio-economic aspects of flooding make it a fascinating and essential research subject. How do we simulate the flow in drainage networks and between buildings? If we forecast rainfall over the next three hours or next three decades, what can we predict based on such forecasts? What's the probability that a child playing in flood water mixed with raw sewage will catch a diarrhoeal disease?

How can deterministic and probabilistic models be merged intelligently? How can resilience to extreme weather events of different kind be evaluated in an integrated manner? How should we educate students, politicians and the public? The challenges to answering the above questions will be discussed.

Research on flooding and playing music both require imaginative and technical skills. Disasters bring misery and stress, whereas art makes our lives rich.

After the lecture, Professor Slobodan Djordjevic will perform some of his favourite jazz, classical and film music.

Jazz Flood Band (Nišville 2018)



<https://www.youtube.com/watch?v=R89ZEC7xWrk>

In a painting I'd like to say something consoling, like a piece of music.

To Theo, 3 September 1888

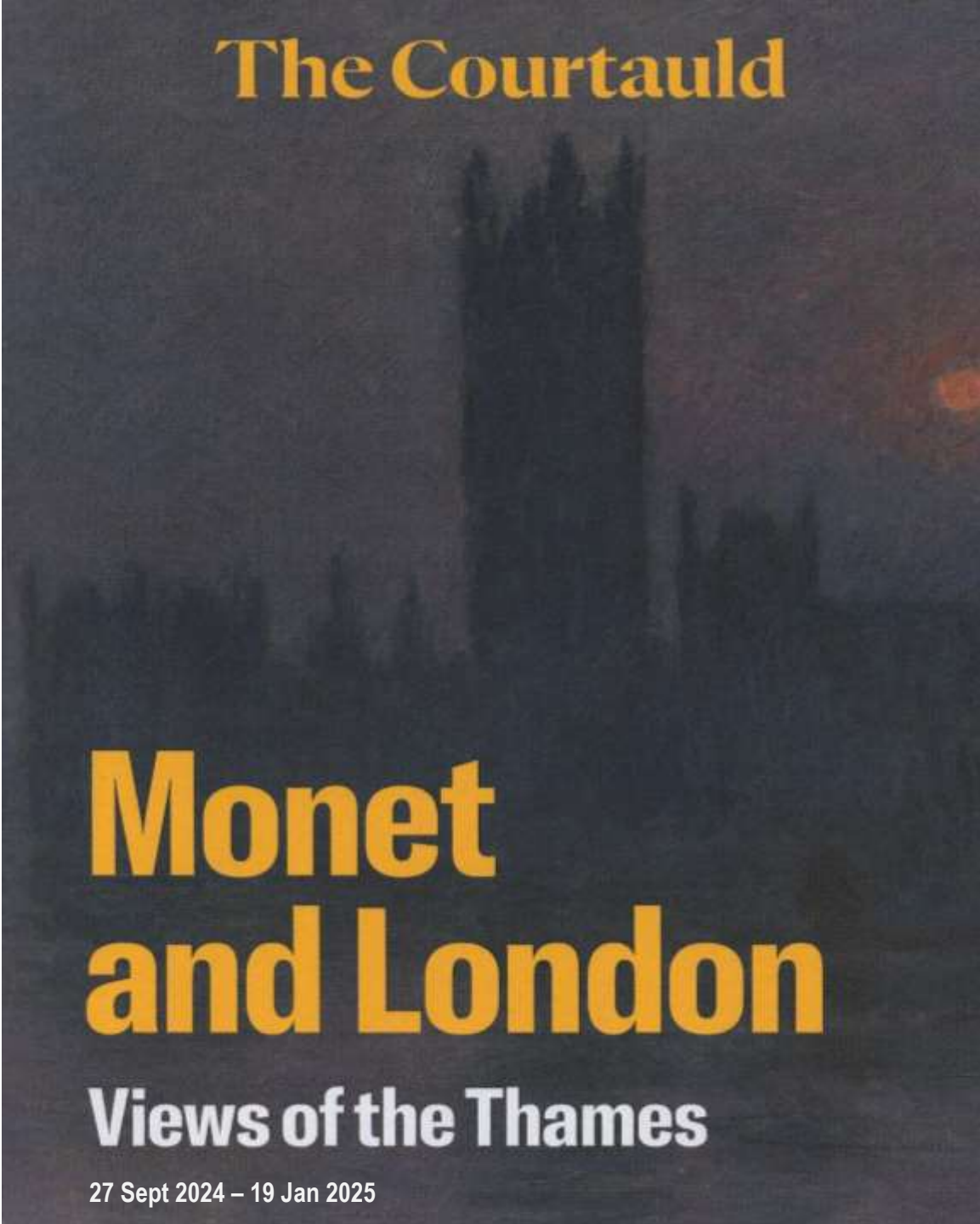
Slikom želim da kažem nešto utešno, kao muzikom.

(iz van Gogovog pisma bratu, 1888)



42 | Vincent van Gogh, 1888





The Courtauld

**Monet
and London**

Views of the Thames

27 Sept 2024 – 19 Jan 2025

GALERIES DURAND-RUEL

16, Rue Laffitte — 11, Rue Le Peletier

CLAUDE MONET

VUES DE LA TAMISE
A LONDRES

Exposition du 9 Mai au 4 Juin 1904

Houses of Parliament



Waterloo Bridge



Claude Monet



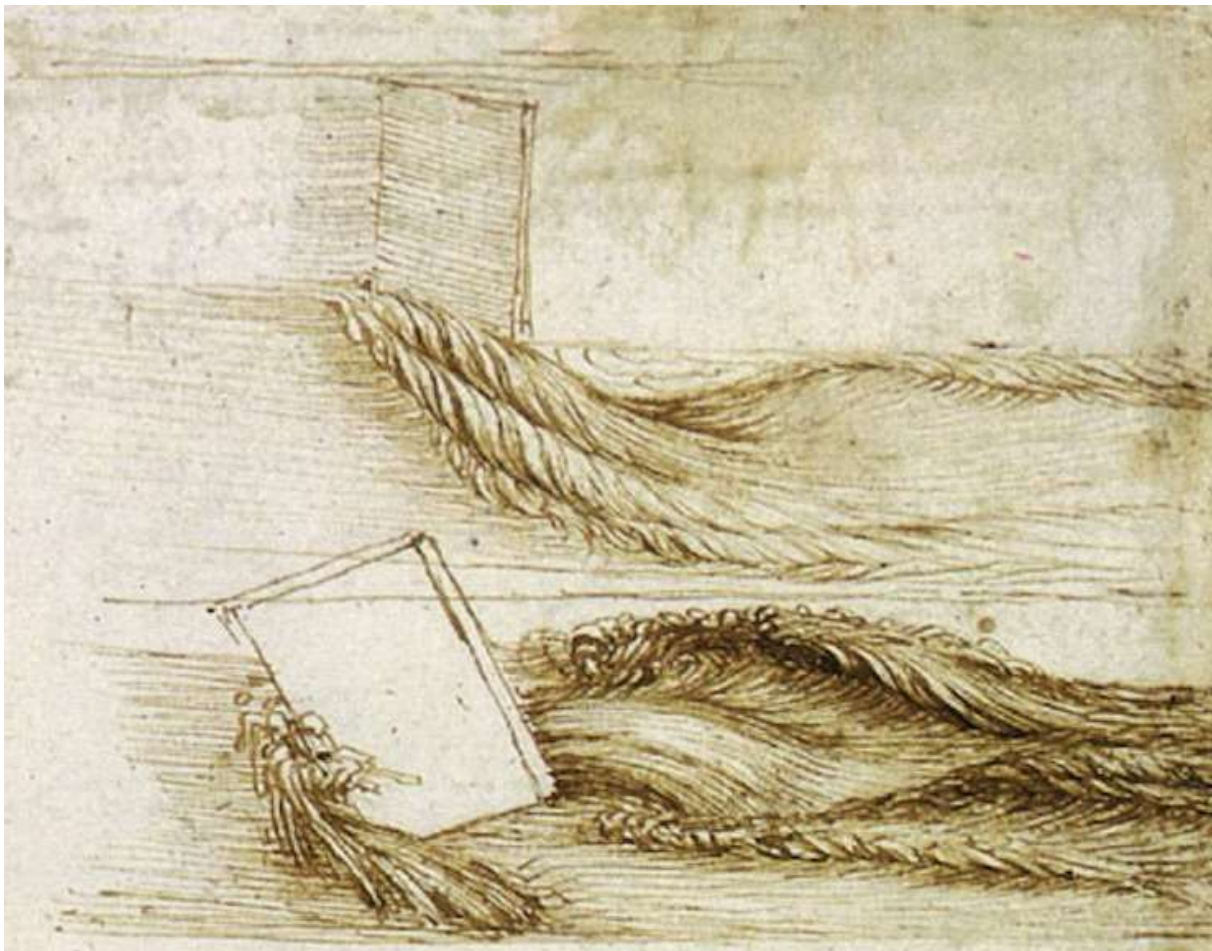
Blanche Hoschedé-Monet



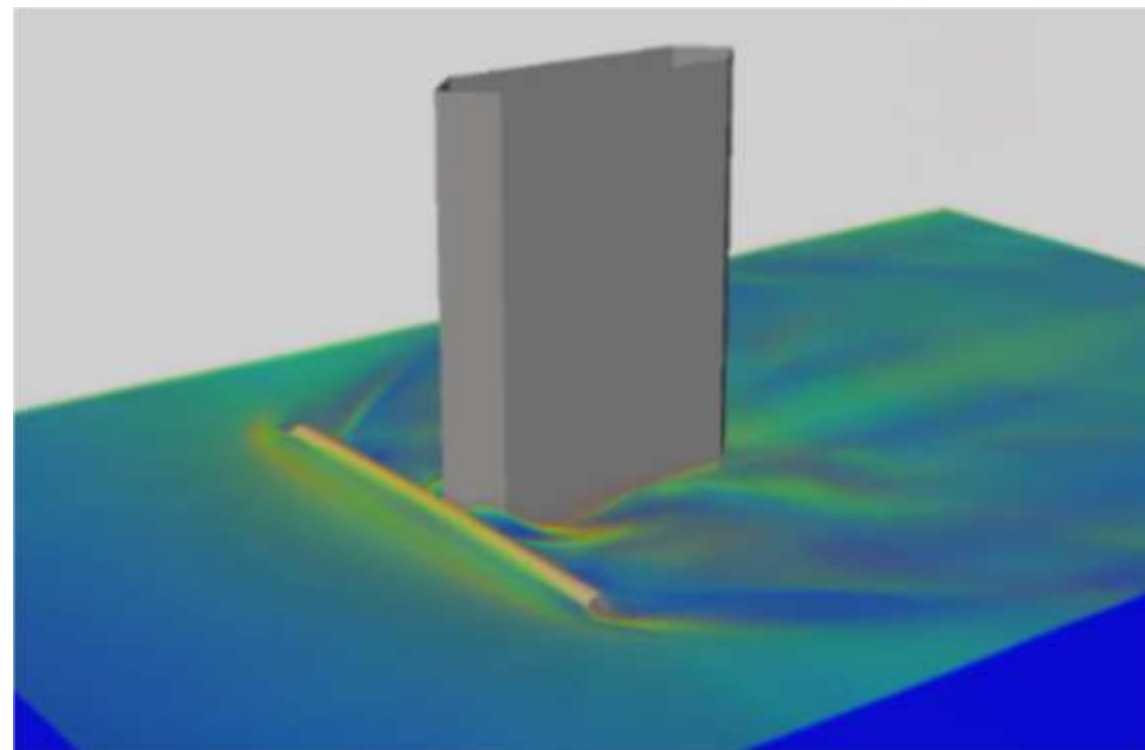
Selo Vinči



Opstrujavanje prepreke u toku



Leonardo (c. 1508)



Ebrahimi et al. (2018)

Perry Burge (1955-2013)

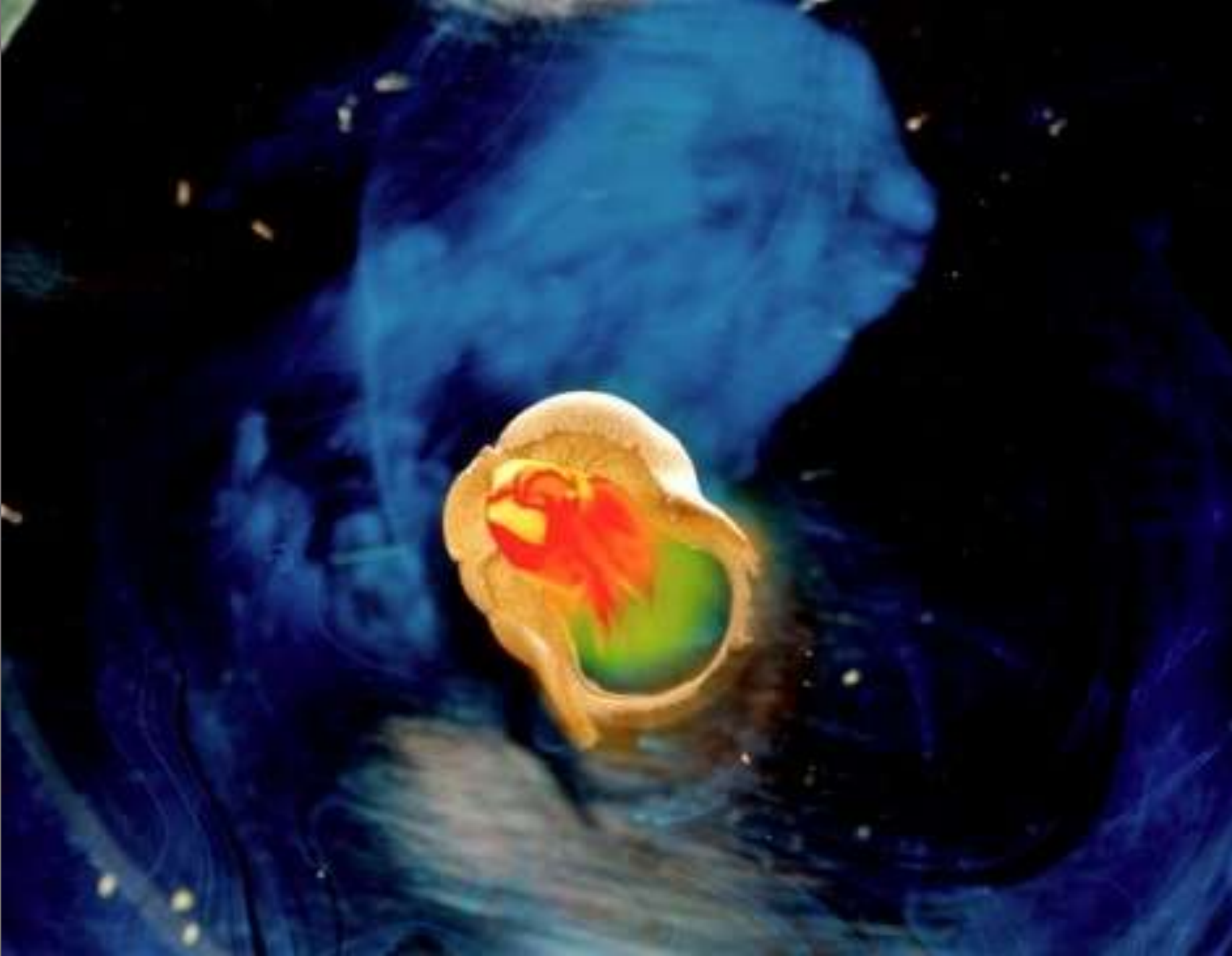
2012 Leverhulme Trust **Artist in Residence**
(na Tehničkom fakultetu u Ekseteru)

Bavila se umetničkom vizualizacijom
pojava u mehanici fluida

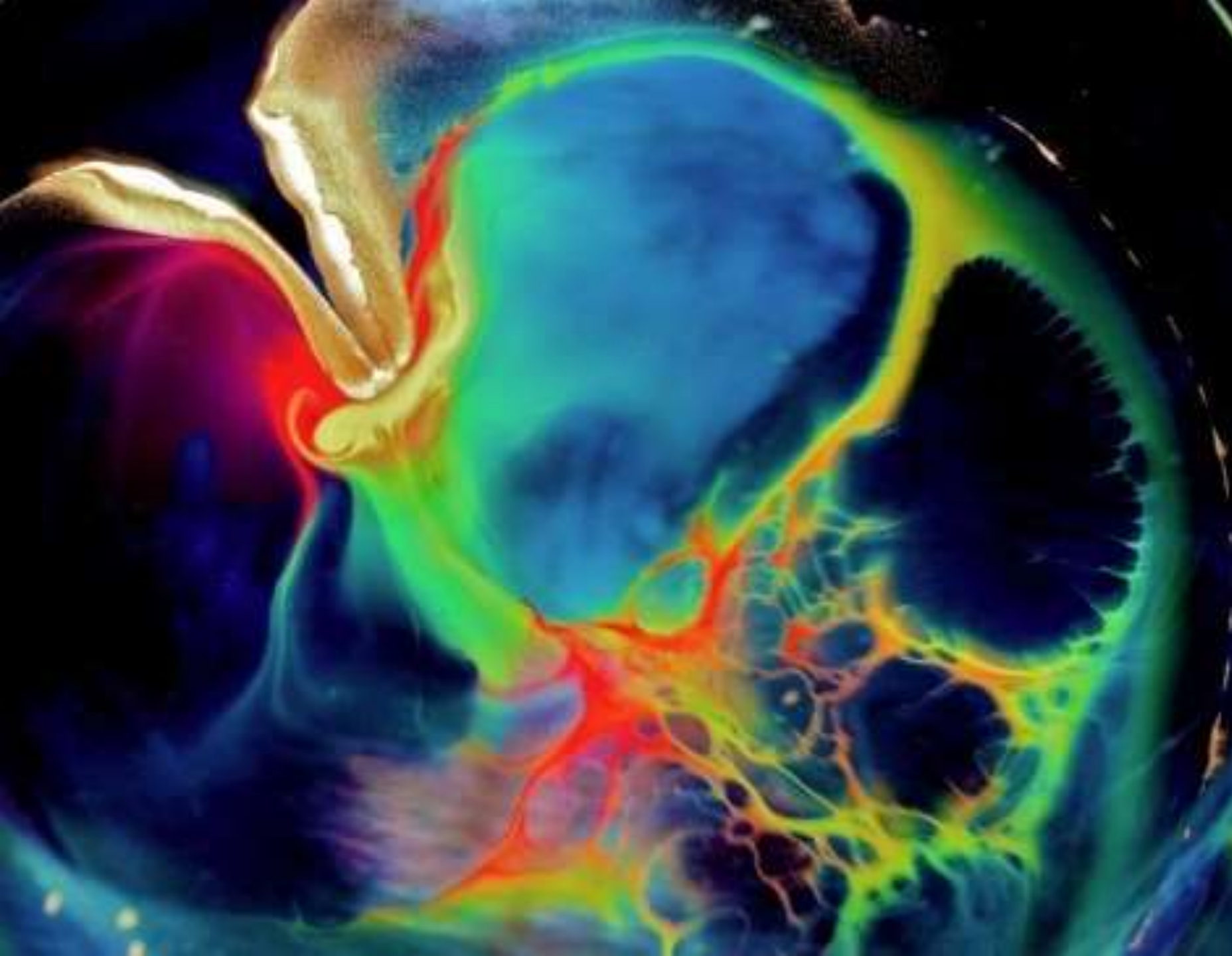
... na osnovu laboratorisjkih ekserimenata i
računarskih simulacija

<https://chronoscape.wordpress.com/>





Water, ink and speed 1



Water, ink and speed 2

© Pery Burge
2011-2013



Water, ink and speed 3

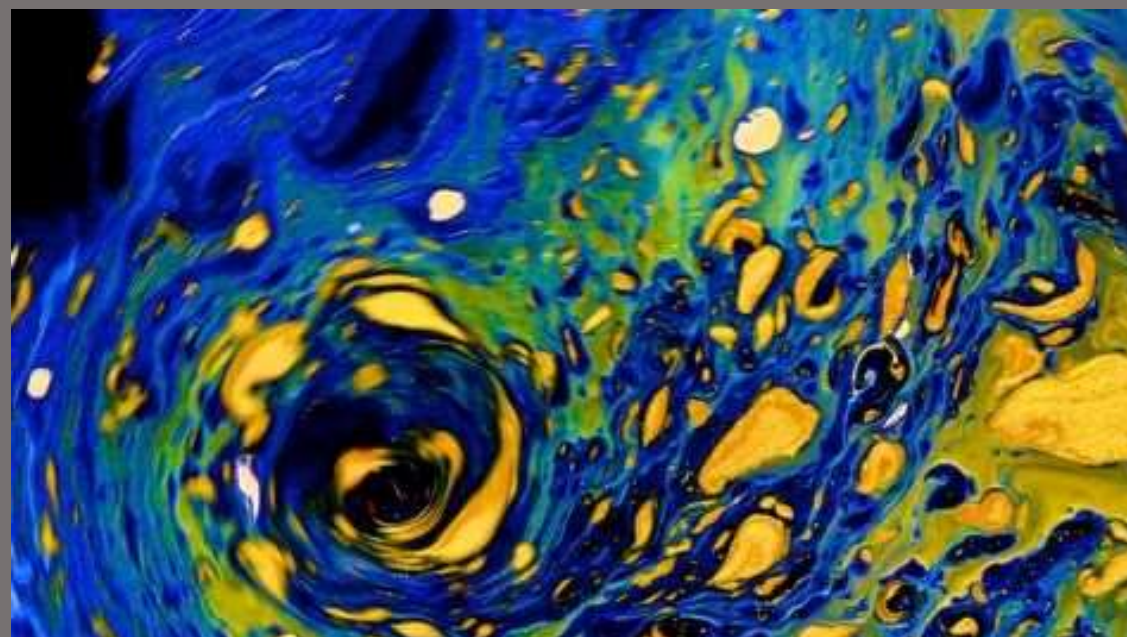
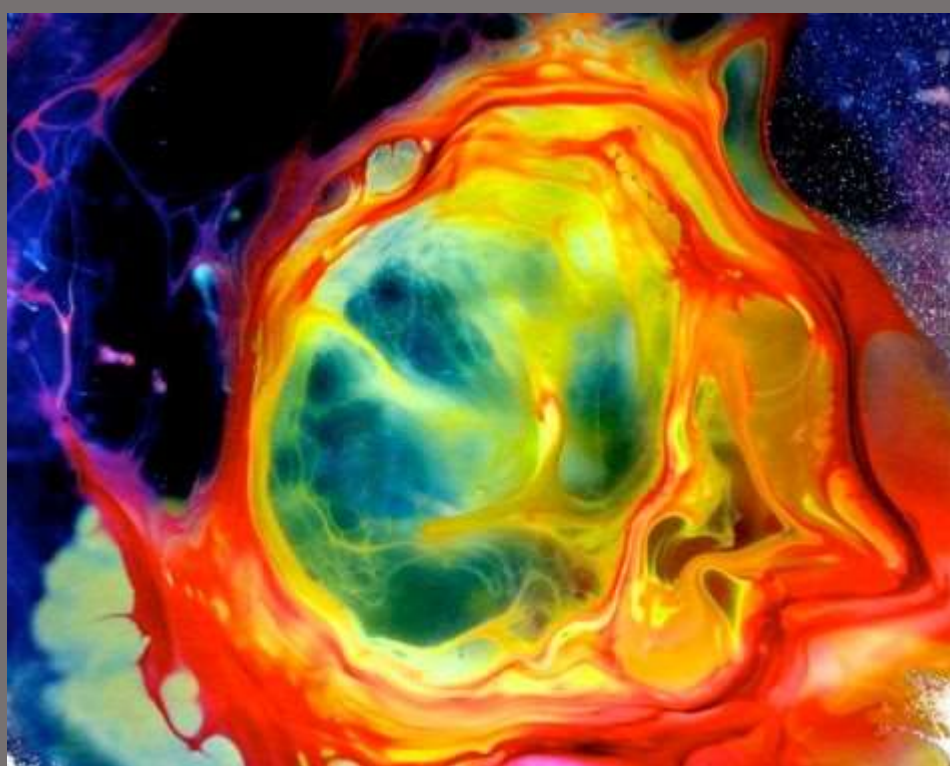
The image is a vertical composition featuring a complex, fluid pattern of colors and textures. The background is a deep, dark blue or black. Overlaid on this are various organic, swirling shapes. A large, bright green shape dominates the upper right quadrant, with a yellowish-green, branching, lightning-like pattern extending from its lower edge towards the bottom right. To the left of the green shape, there are smaller, more intricate swirls in red, orange, and yellow, some appearing to spiral inward. A thin, wavy line of red and orange runs vertically along the left side. The overall effect is one of dynamic movement and organic complexity, reminiscent of a microscopic view of a fluid or a high-speed ink splash.

Water, ink
and speed 4



University
of Exeter

Centre for
Water Systems



© Pery Burge
2011-2013

Miljenko Jergović o poplavama 2014. godine



Muzika o poplavama

Joe Bonamassa: “High Water Everywhere”

Well there's high water everywhere

Lord the river overflows

Well you go where it's high boy

Watch you heel a country road ...

Ili u desetercu:

Kud' tu zađoh, grdna voda svuda

Mili bože, razli li se reka

Beži dečko na visoke staze

Gledaj da do čvrstog drumu stigneš ...



<https://www.youtube.com/watch?v=1N4lgyvhDEA&list=RD1N4lgyvhDEA&index=1>

Muzika o vodi

N'Faly Kouyate: "We Want Free Water"

We want free water

For me for all of us ...

De l'eau pour tous les habitants du monde

De l'eau pour les animaux

Sans de l'eau il n'y a pas d'agriculture ...

Ili:

Hoćemo vodu

Za mene, za sve nas ...

Vodu za sve ljude sveta

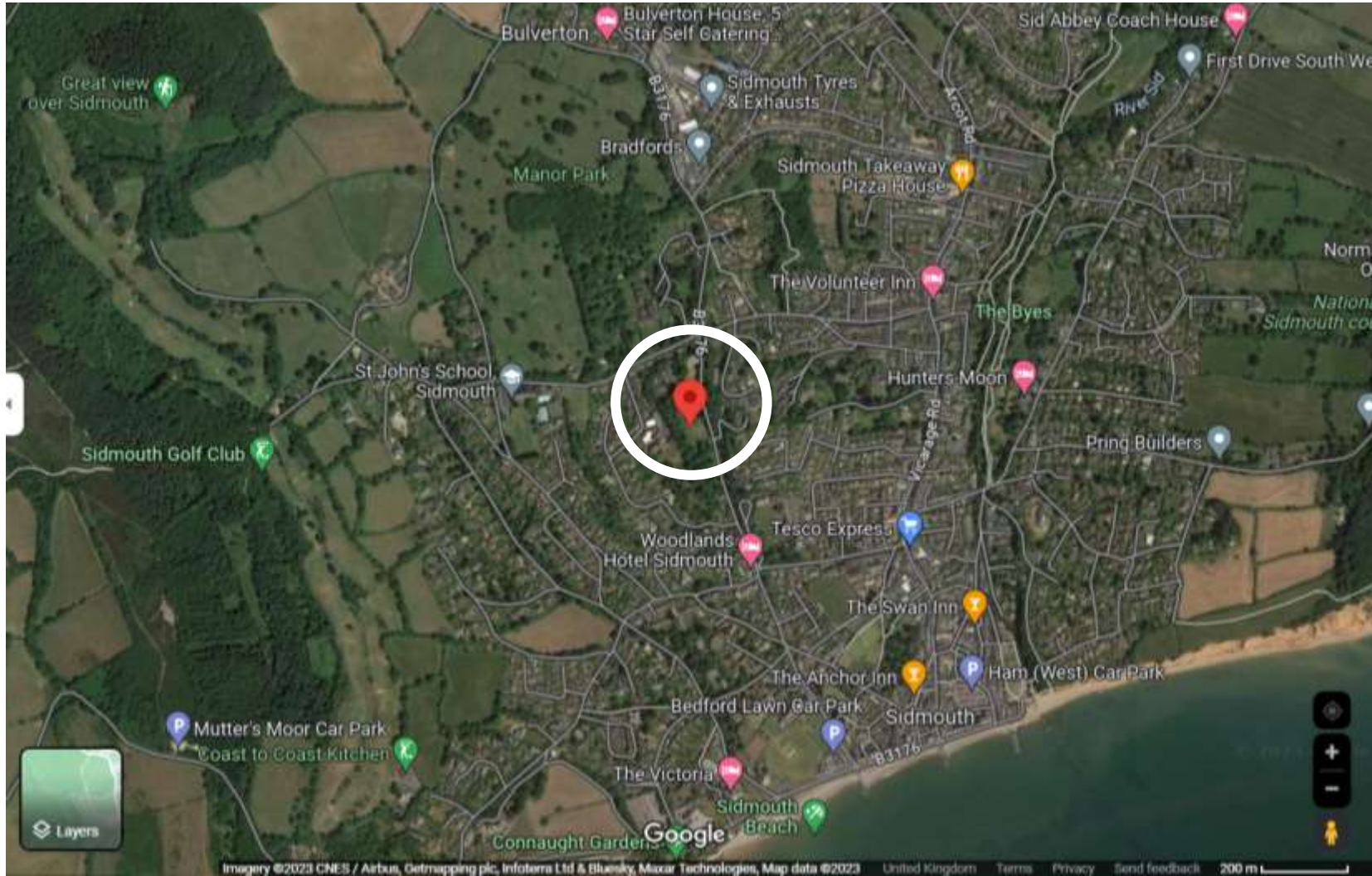
Vodu za životinje

Bez vode nema hrane ...



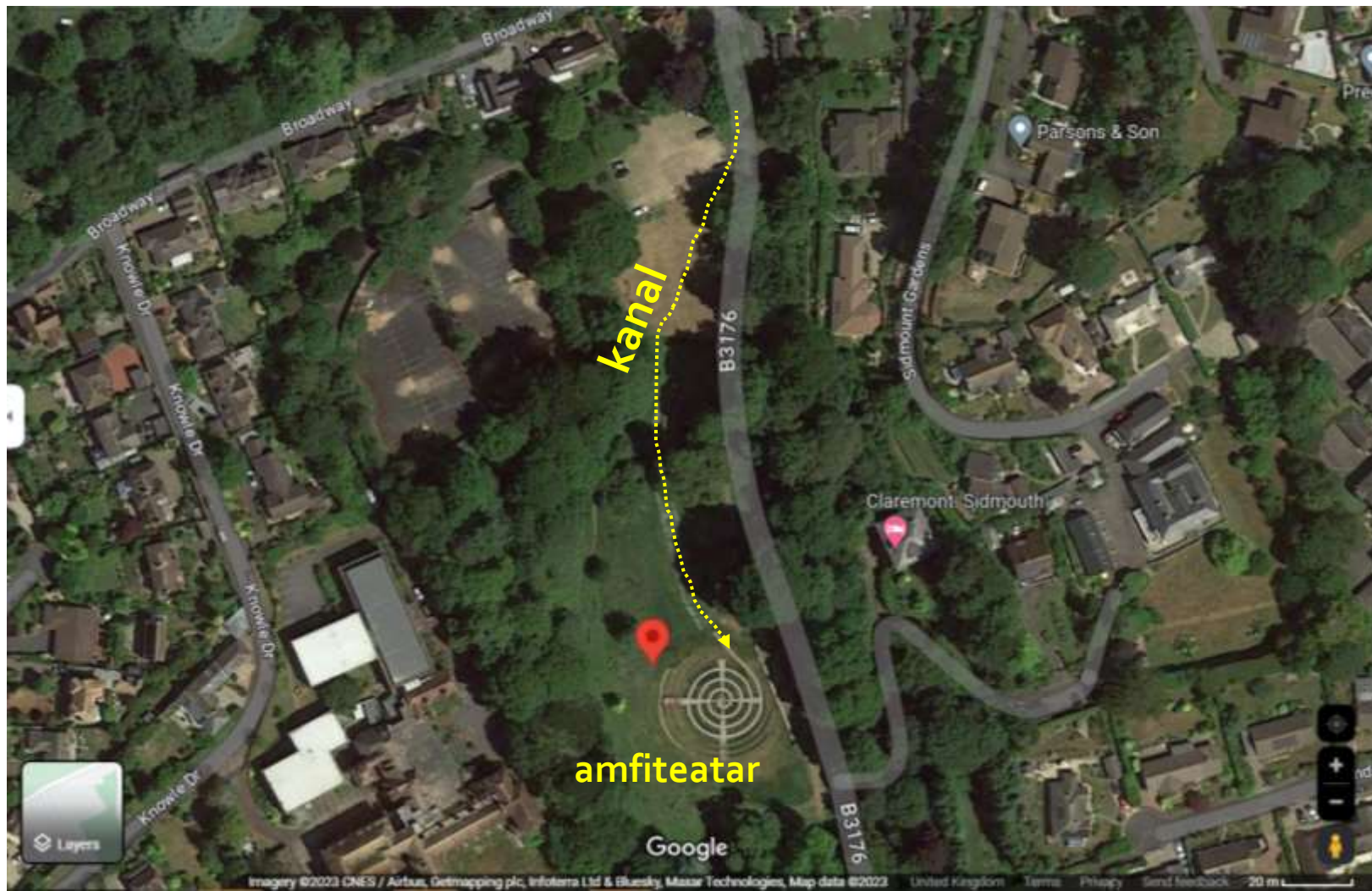
<https://www.youtube.com/watch?v=wpShmLy16LQ>

Knowle Park, Sidmouth



Urbano odvodnjavanje primenom „Nature Based Solutions“

Jacobs



- Tokom jakih padavina:
 - Deo oticaja se kontrolisano preliva iz kišne kanalizacije
 - Usmerava se prema amfiteatru
 - Tamo se, kroz podzemnu retenziju, upija u tlo

Otvoreni amfiteatar

Jacobs



Images Copyright and
courtesy of Jacobs

Nagrađen projekat



60 kuća zaštićene od plavljenja
Proticaj rasterećen za 225 Lit/sec
700 m³ retenzija

Image Copyright and
courtesy of Jacobs

Amfiteatar



Image Copyright and
courtesy of Jacobs

Na kraju spiralnog puta, na poklopcu šahta – poezija



Mr Monterey tells me of great adventures of distant lands,
Mr Monterey tells me that he has seen every sky,
of how he travelled further than seed can fly.

Image Copyright and
courtesy of Jacobs

ЖИВОТ ЈЕ КРАТАК, УМЕТНОСТ ДУГА

Ars longa, vita brevis