

# Creative Secrets of Water

Rhythm and metamorphosis as laws of life



Insights into the work of John Wilkes (1930 – 2011)

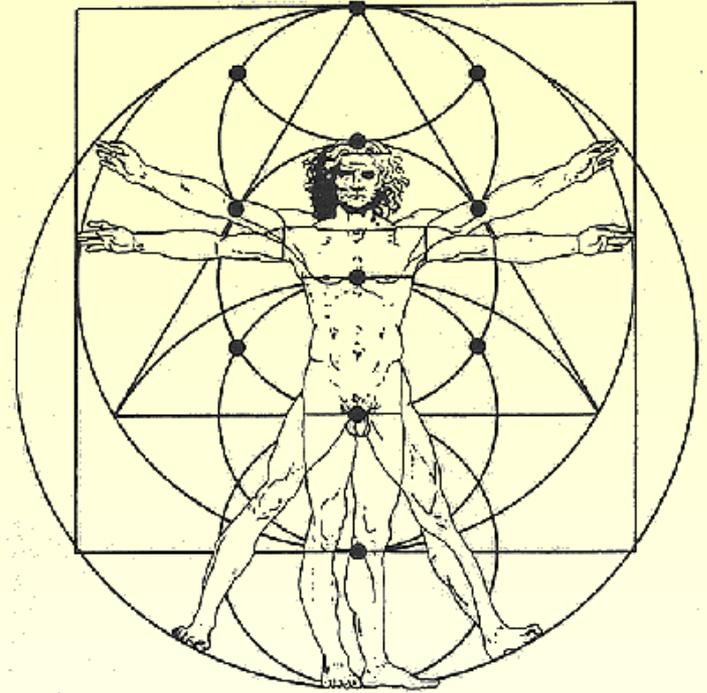


All life is formed through water



# Is water the original template of everything alive on the planet?

- Water carries nature's intelligence and has its own nervous system
- Water is an artist creating all living forms through rhythm and metamorphosis within inner skins
- Water carries the metabolism of the world, maintaining all life in nature
- Is physical and energetic, informational and does it have cosmic intelligence as formative light operating through it?



Is water itself the original form for all physiology?

# Water's Metabolic System

## Water as powerful sustainer

### Temperature of water

- temperature change controls weather
  - affects atmospheric weather
  - affects ocean currents
  - affects coastal weather
- temperatures of water change slower than land
- on freezing water expands, which causes erosion
- also it becomes lighter and floats
  - avoid world being a block of ice

### Evaporation

- evaporation power is enormous
  - causes huge storms

### Density and Buoyancy

- both higher as a liquid than a solid
  - affects living forms – brain, whale etc
  - very dense with no compression yet liquid

### Carrier of nutrients

- dissolves 84 of 103 elements without agitation
- reduces to colloidal form
- carries sustenance into living flora and fauna



# Water's Nervous System

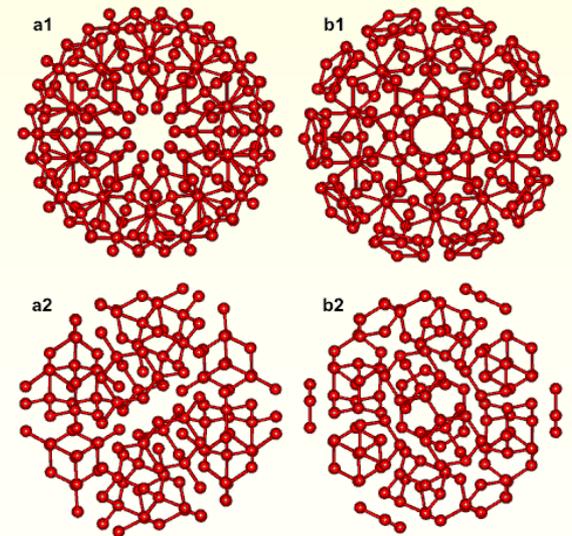
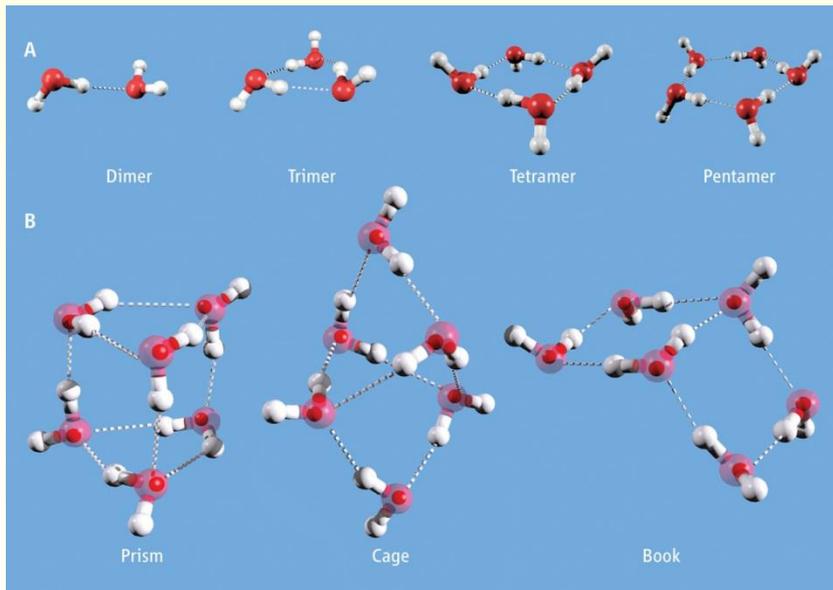
## Water as Information Carrier

Capacity of water to hold information in form of frequencies

Cluster structure and vast information exchange

Life, Time, Energy, Frequencies, Movement, Freshness

Translucent – light passing through it



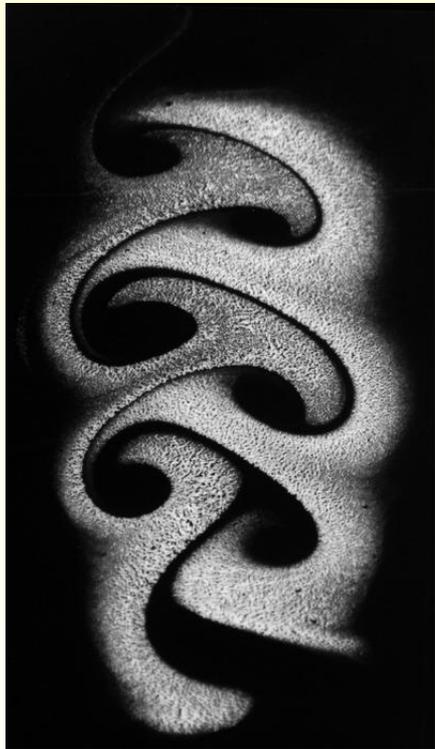
# Water's Rhythmic System

## 'Water' as Artist of Nature

Molecular tension makes possible plants above 60cm  
Sensitivity of internal sheaths moving independently  
Naturally rhythmical when stimuli are limited

- enables creation of all living forms
- maintains life

This happens only when the water is dynamic and fresh

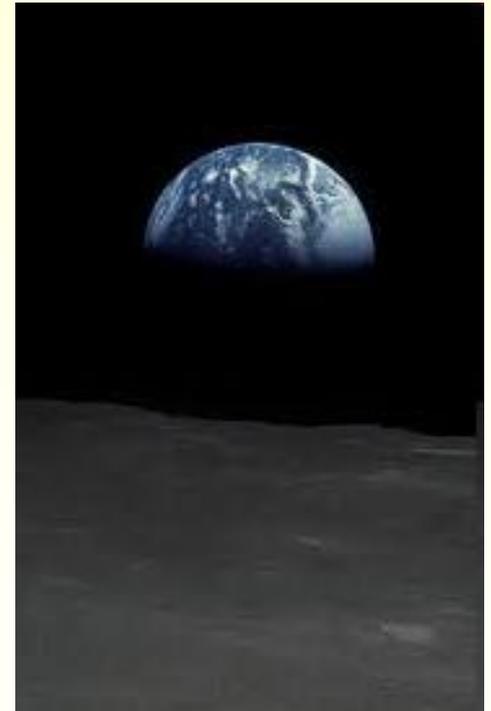


John Wilkes' primary contribution

Understanding water's rhythmical character  
which enables creativity in nature



Water's essential shape  
is a sphere, a water drop

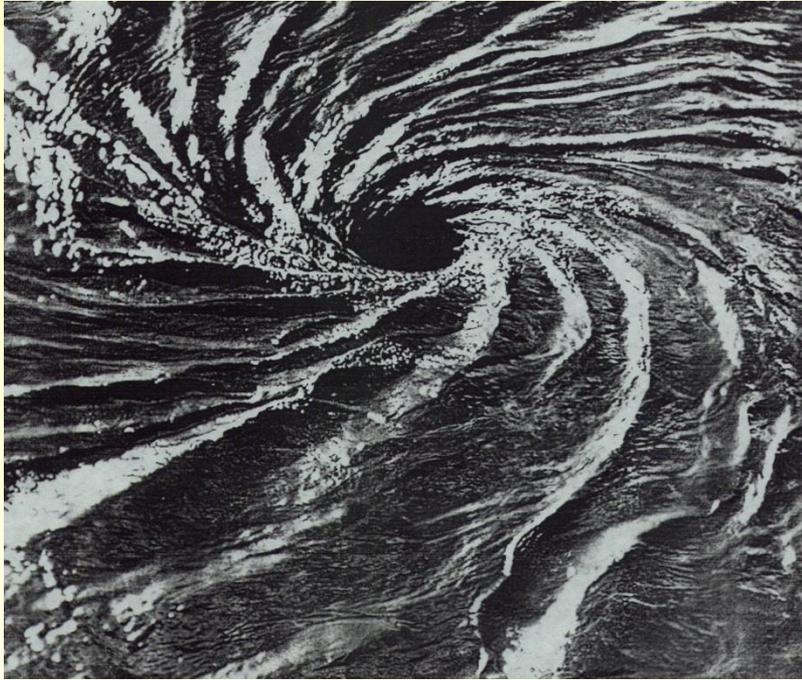




By observing water's form and behaviour it is possible to have insights into its formative capacities

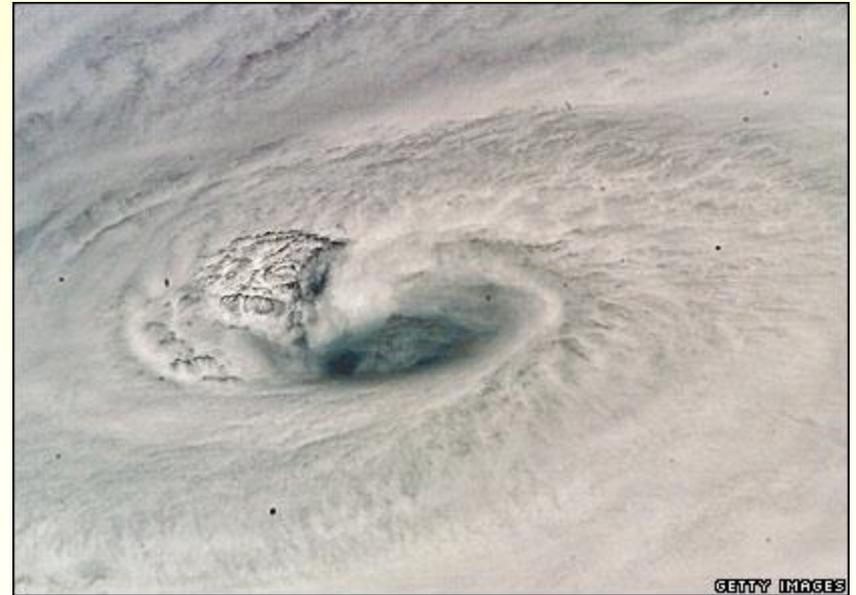
Water forms spheres





When water moves, it moves within the form of sphere and circle and builds rhythms through resistance and forward motion

The spiral vortex makes a cone of air



Hurricane Dean 2007



Monticello dam

In low gradients water can meander more, through rounded flow paths





Waves  
search for the sphere or  
circle



The fern is a wave in slow motion

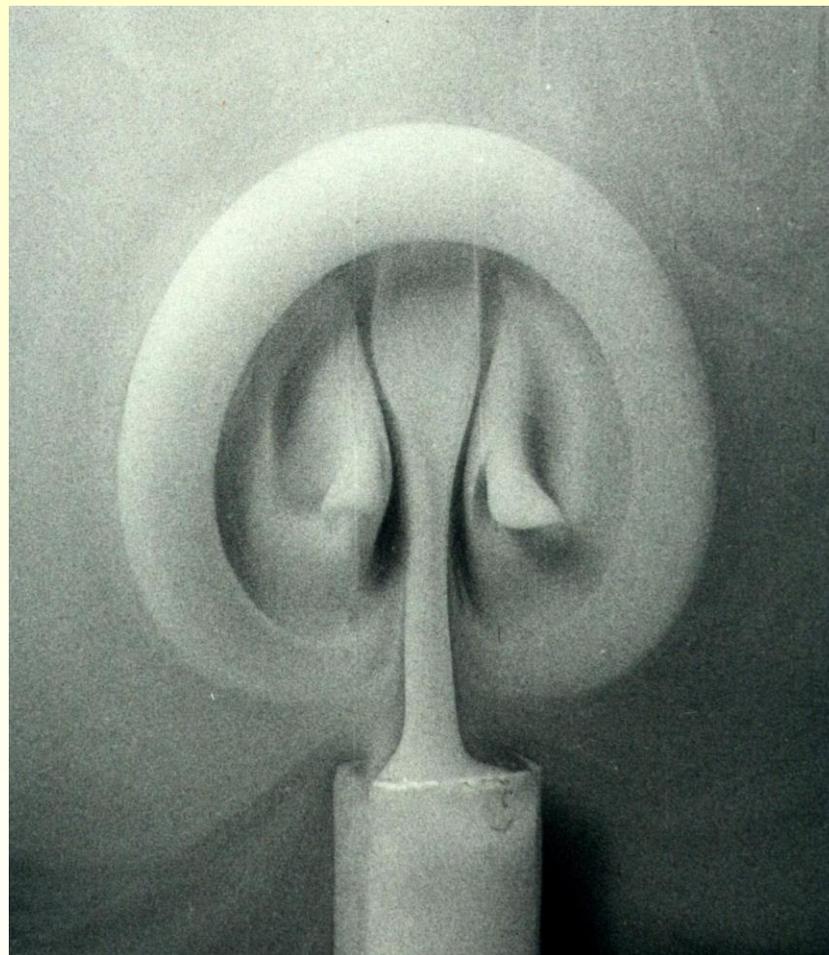
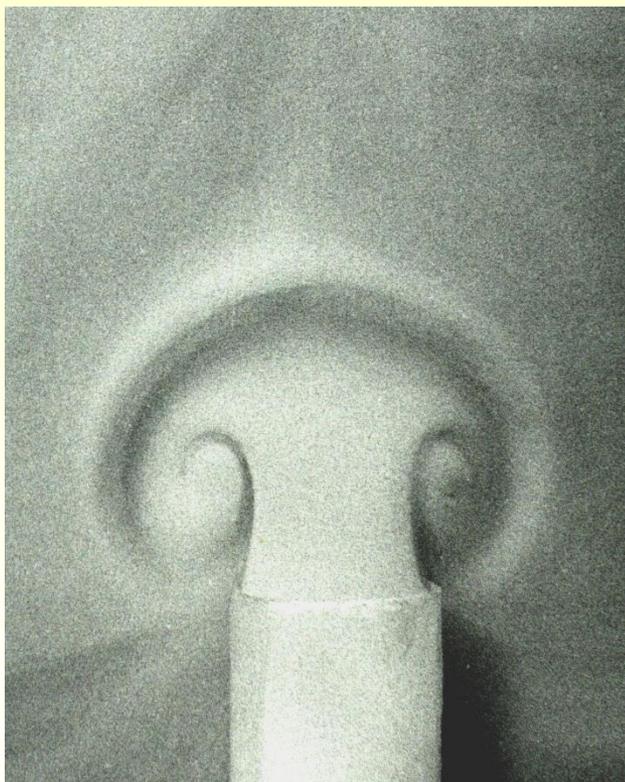


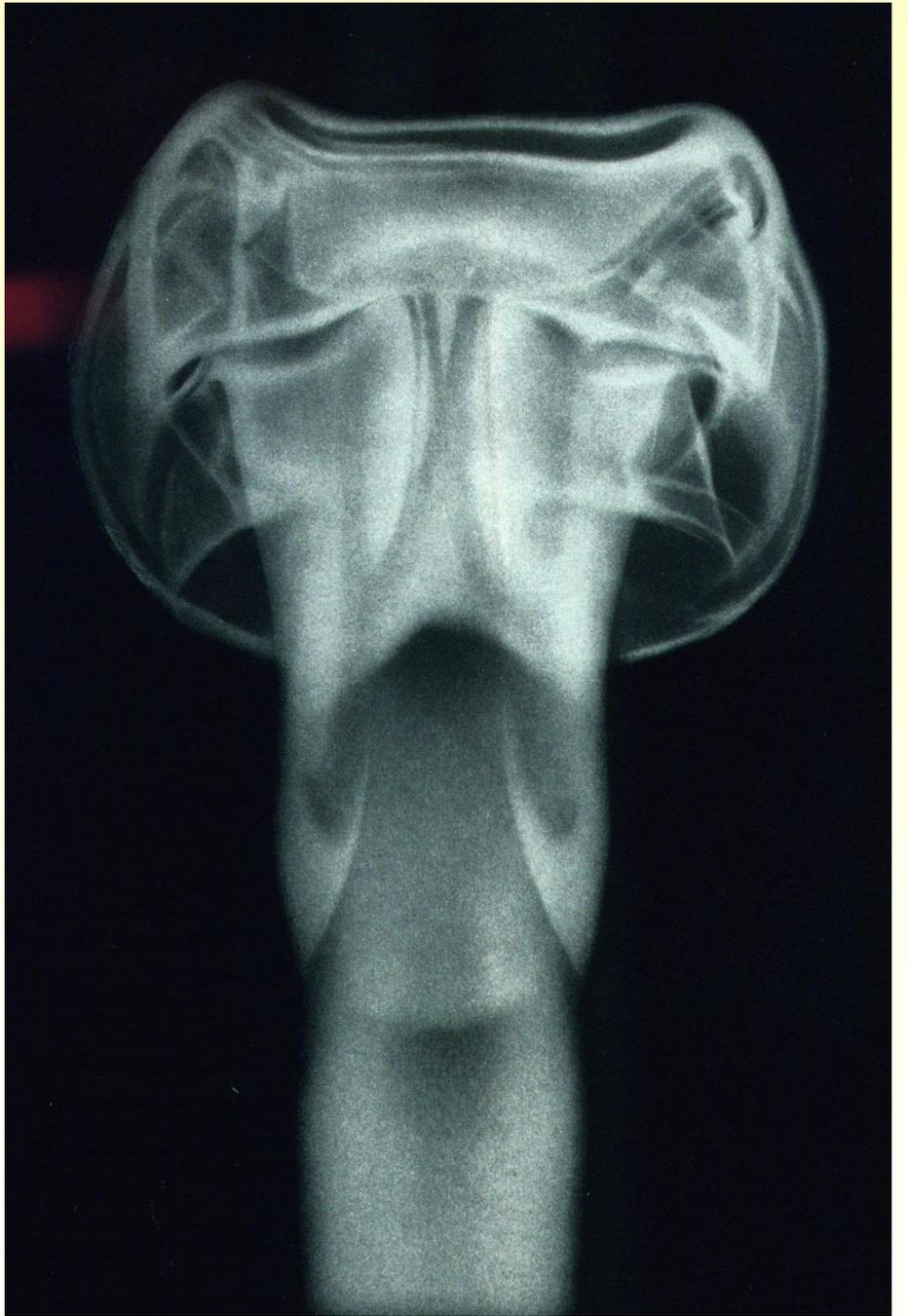


Rhythmic circles and  
spirals in water

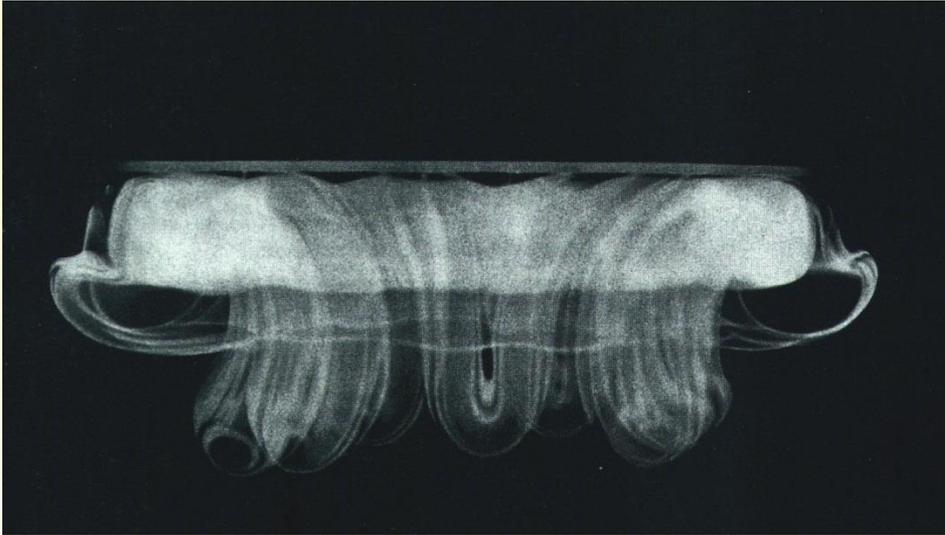
Above – experimental  
Right – clouds over islands

Forward movement upwards into still water

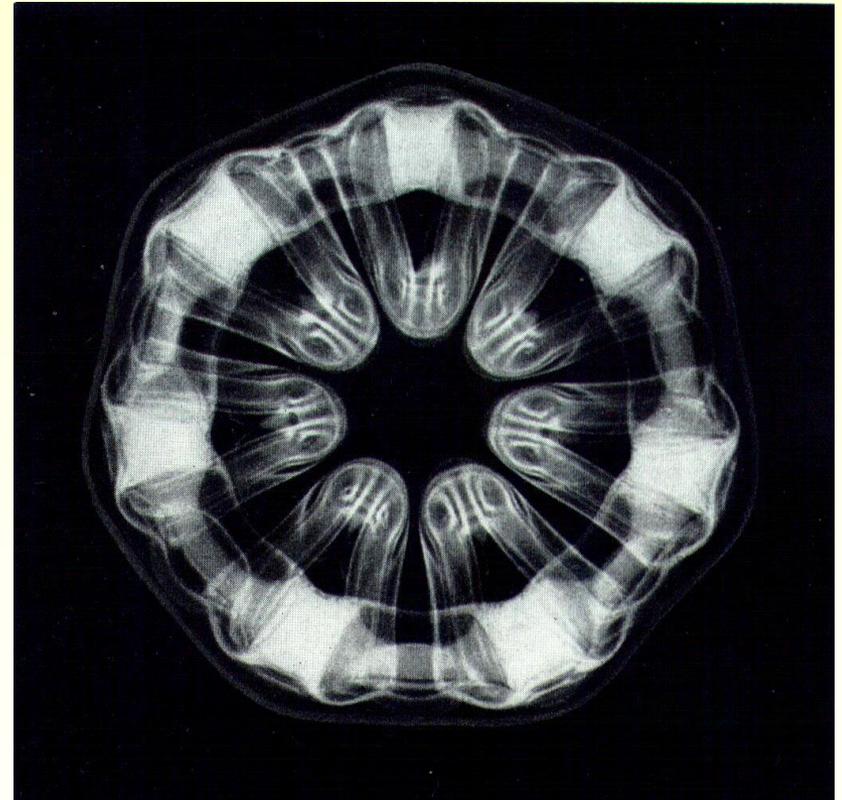




The same upwards moving water form photographed from the side and from above at the moment it touches the meniscus at the top of a beaker of water



These sensitive shapes are created through water's rhythmical response with movement through still water

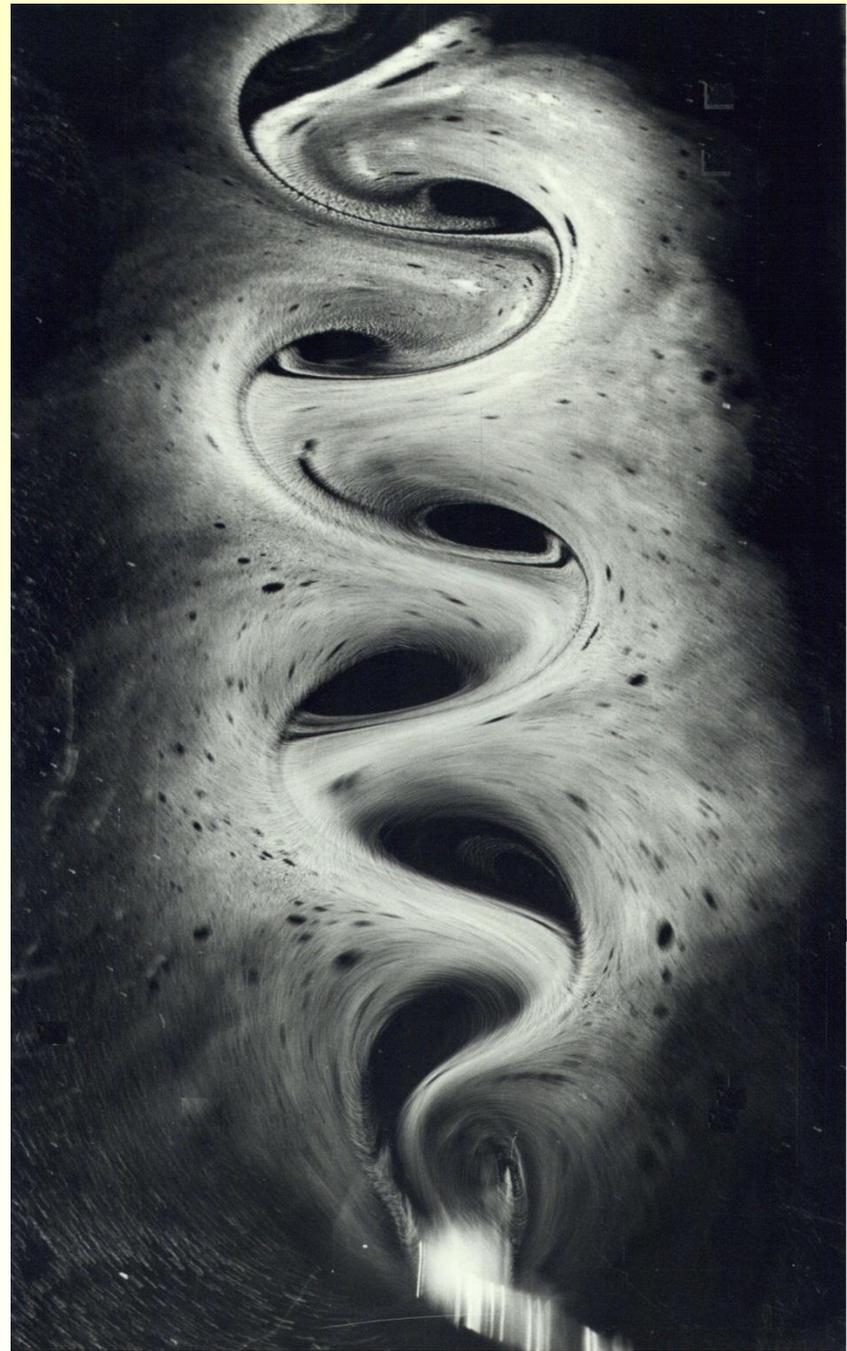


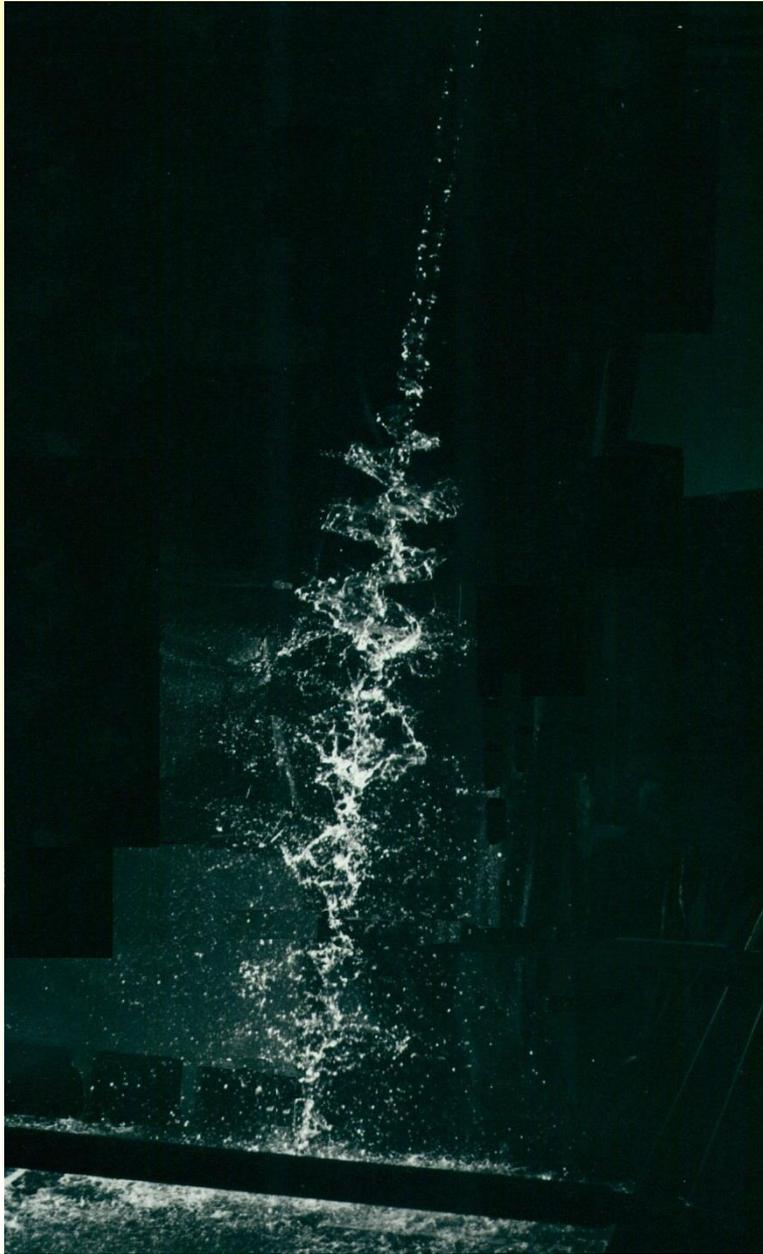


Jellyfish... 95% water



Experimental  
'path of vortices'  
and bones...  
formed from  
liquid movement





Split second  
photo of  
falling water  
←





Embryology is water shaping

Through rhythms in water  
all living forms are created

Rhythm in time expresses itself as pulse

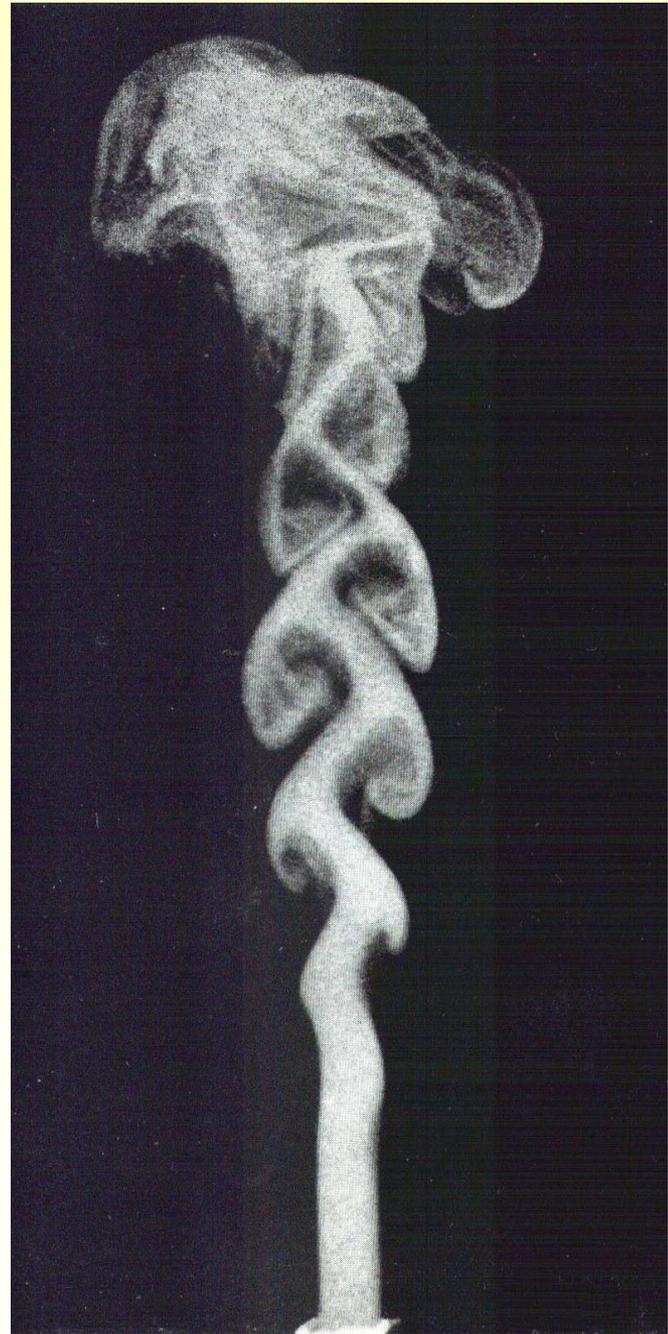
Rhythm in space creates symmetry

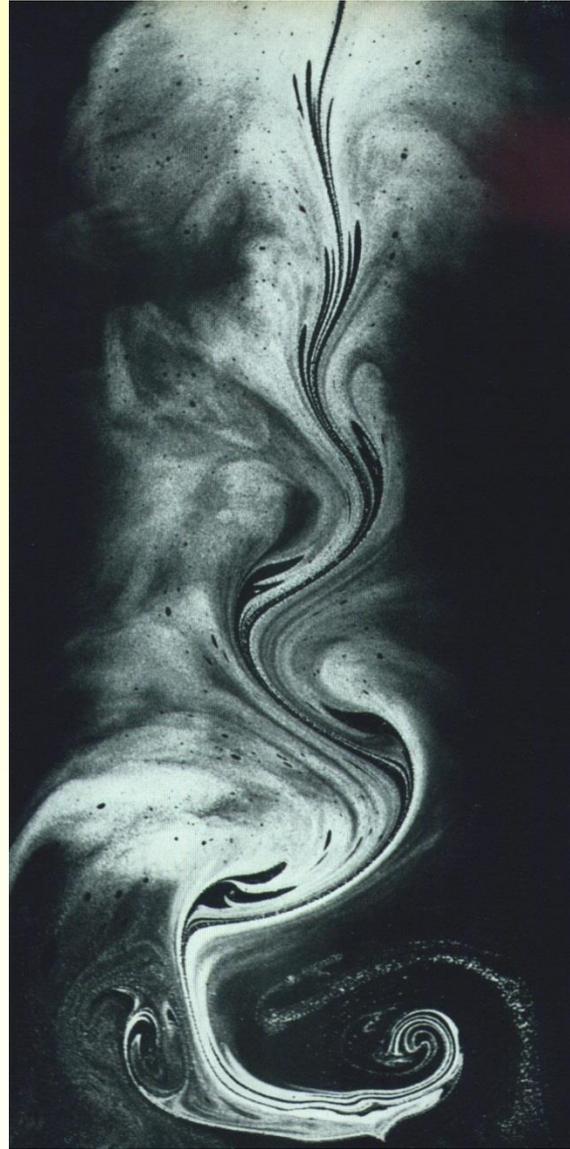
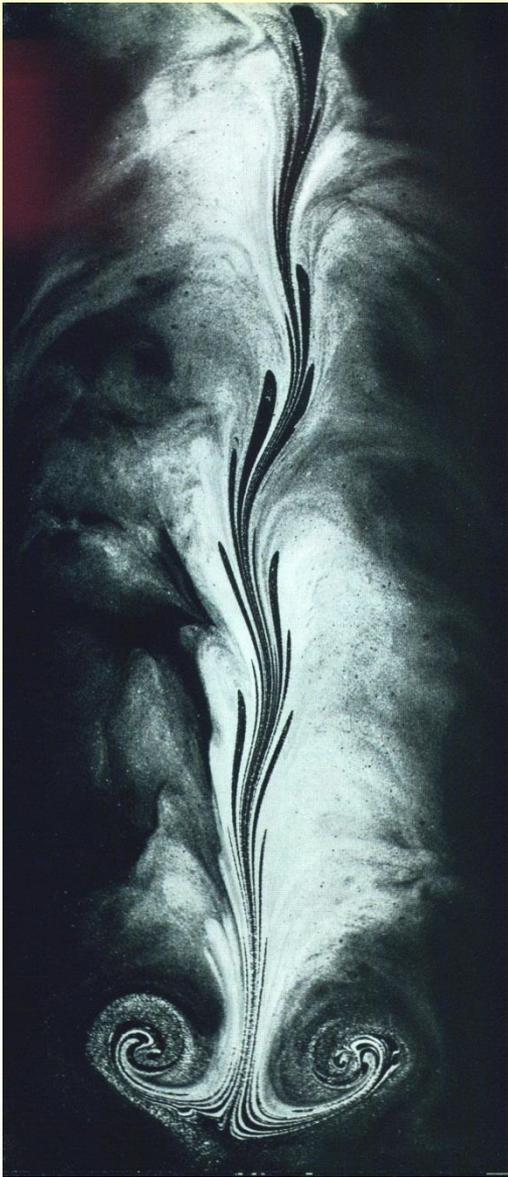




turbulent  
-  
harmonic  
-  
laminar.

Different  
forms  
appear  
dependent  
on the  
balance  
between  
resistance  
and thrust





Dried plant  
(with most of  
roots missing)

Experimental plant formations both formed  
by water flow in water, made visible



'Sensitive Chaos' Schwenk,  
river delta from a high altitude.



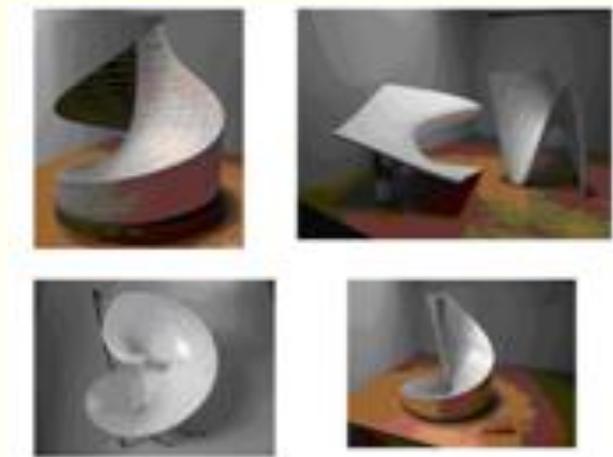
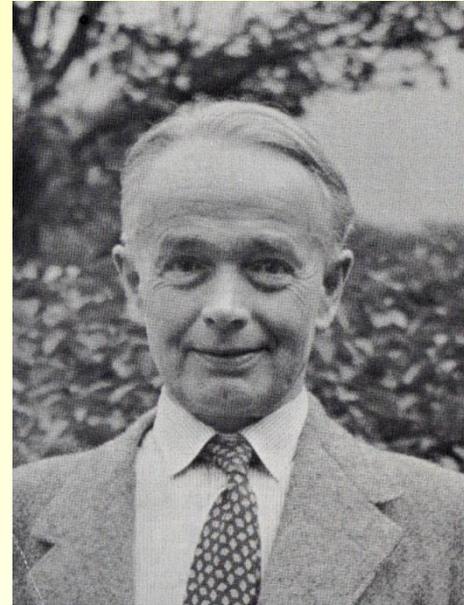
**George Adams**  
**1894 – 1963**

John Wilkes' mentor  
and colleague

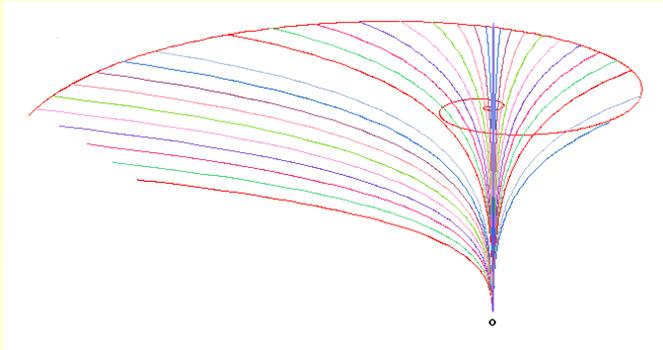
Cambridge chemist and  
mathematician

Developer of mathematical  
Path Curve  
flow surface design

Biomimicry design  
from the 1950s

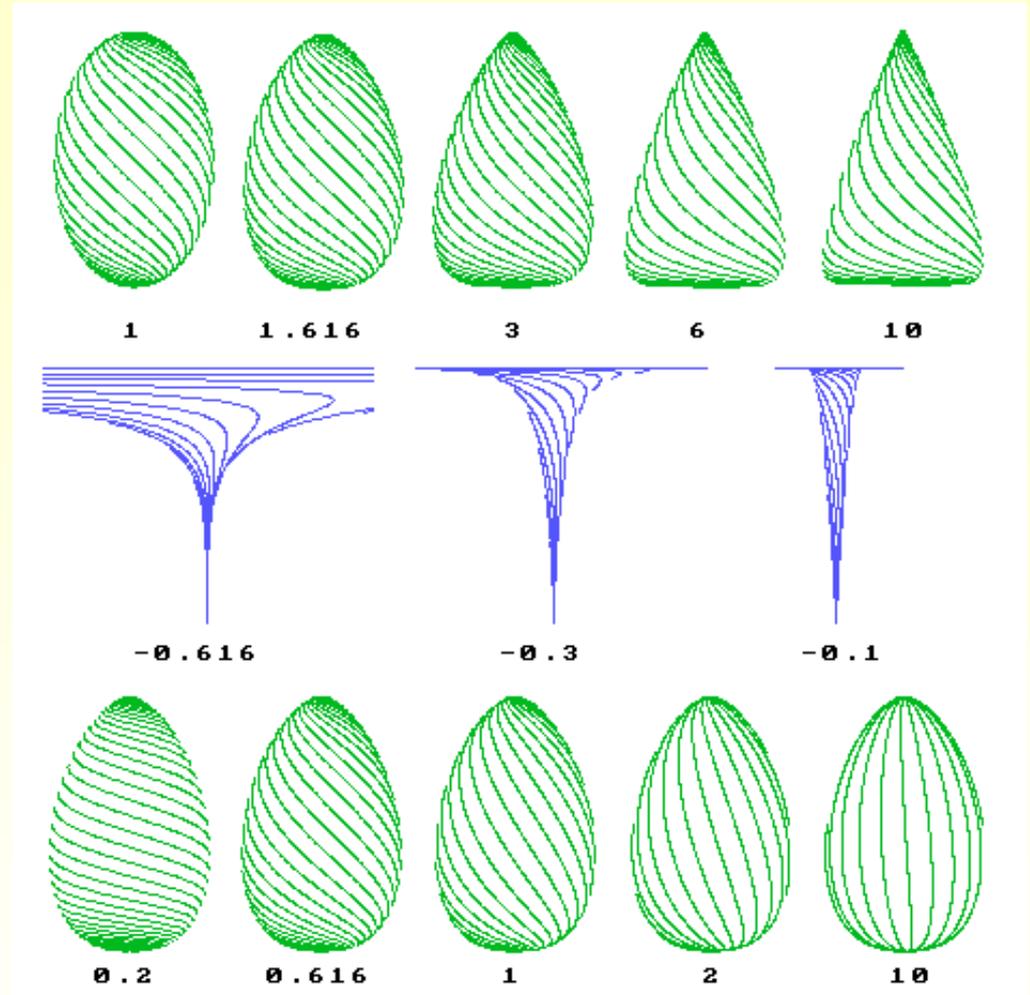


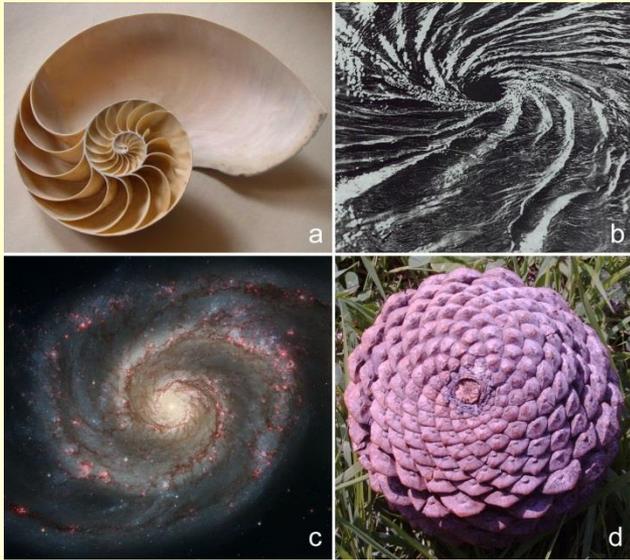
# Path Curve mathematics – the geometry of formative process



The Vortex is made of path-curve surfaces, and acts as a vitally important water enlivening and refreshing method by nature.

Adams' work has been continued by Nick Thomas and Florin Secosan within Foundation for Water





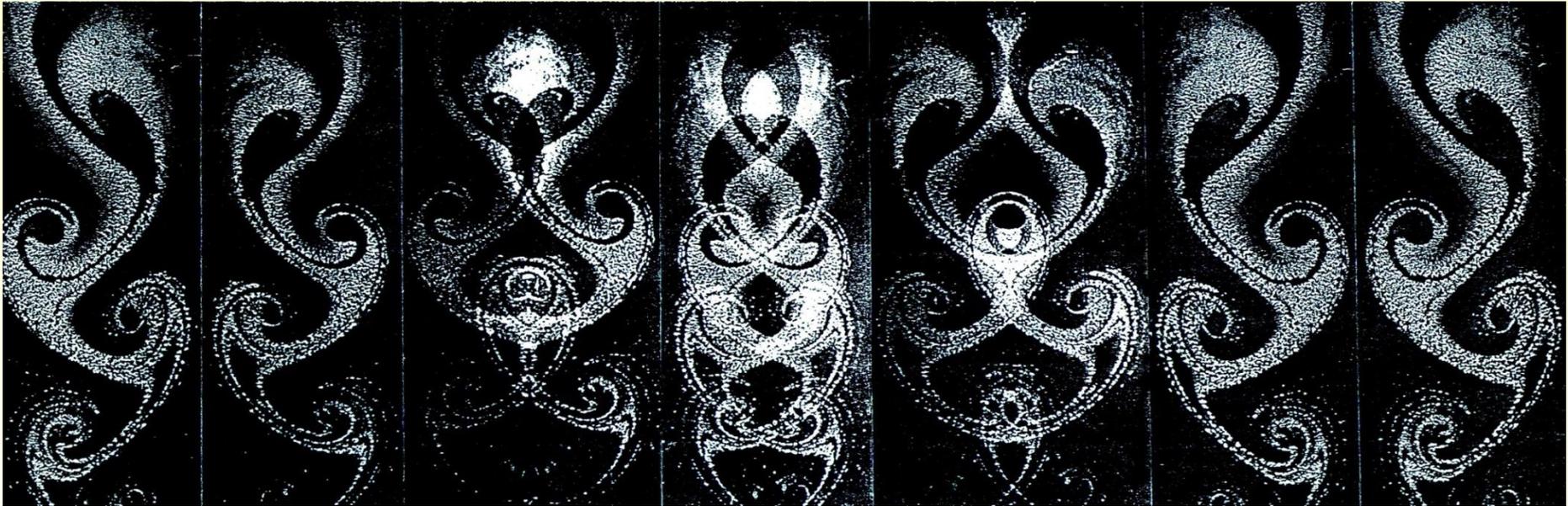
Complex mathematics is found within many forms in nature



# The Flowform Principle

John Wilkes 1970

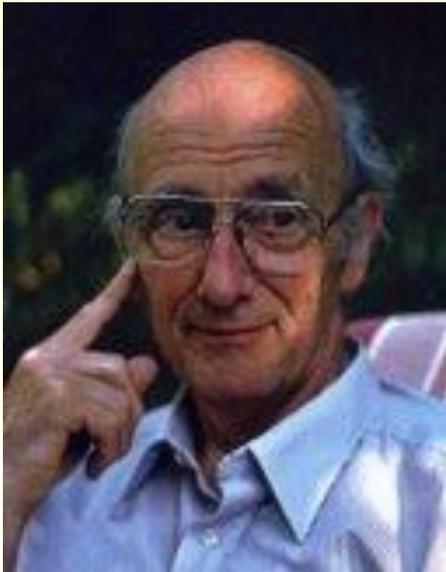
oscillating dynamic figure8 flow with a regular pulse



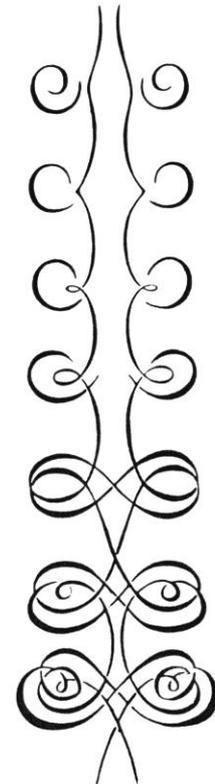
discovered after years of research  
into the creative rhythmic power of water in living nature

**John Wilkes' Flowform invention: 1970 April  
came from his question...**

“Would it be possible to create for water a vessel or ‘organ’  
which would enable it to manifest its potential for order and  
metamorphosis, as demonstrated in the Path of Vortices phenomenon?”



John Wilkes ARCA  
1930 - 2011

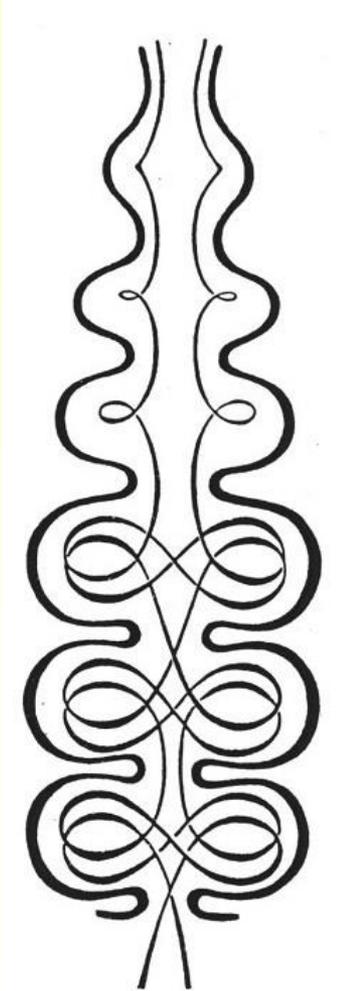


# Flow Surface Design Technology

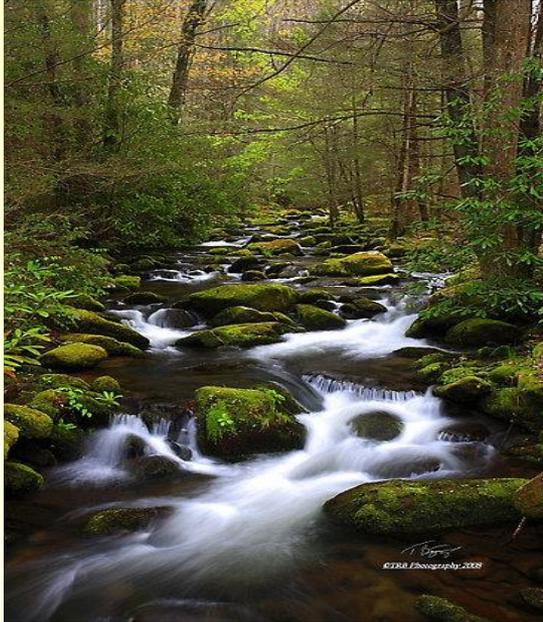
## DYNAMIC FLOW OF WATER

bringing nature's revitalizing method  
into the human-use water cycle

Flowform runs through a figure8 flow and  
develops a natural pulsing outflow



Flowform ... technology from the heart of nature



Nature left to itself has  
fabulous water quality

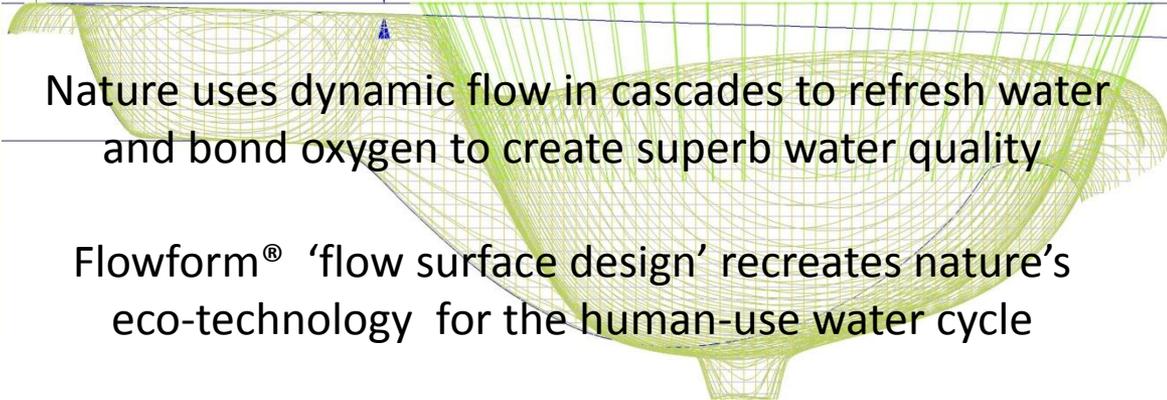
Vast amounts of water are taken  
from nature for human use

Not moving freely it loses its quality

This poor quality water is used in  
homes, farms and factories

**The Answer:**

**APPLY NATURE'S DYNAMIC FLOW**

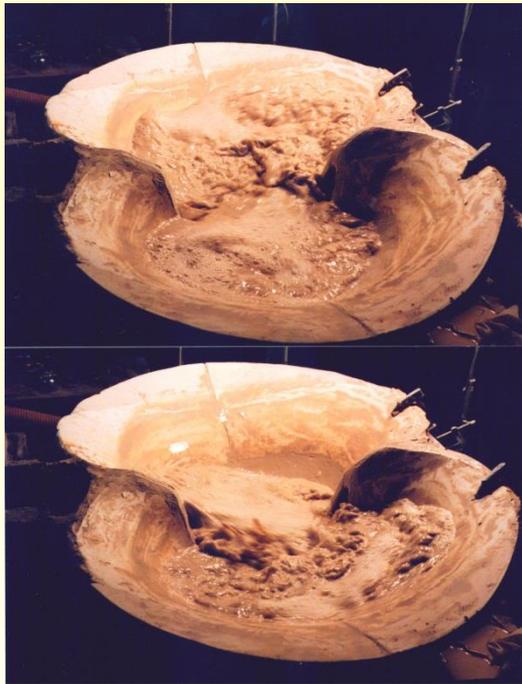
A green wireframe diagram of a funnel or basin shape, composed of many thin lines forming a mesh. It is positioned behind the text in the lower half of the slide.

Nature uses dynamic flow in cascades to refresh water  
and bond oxygen to create superb water quality

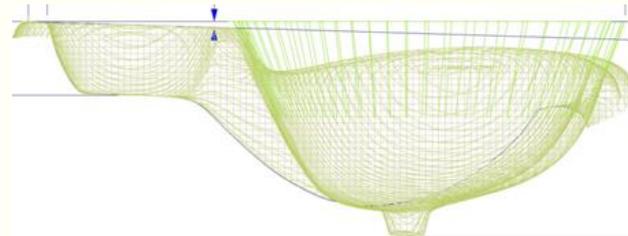
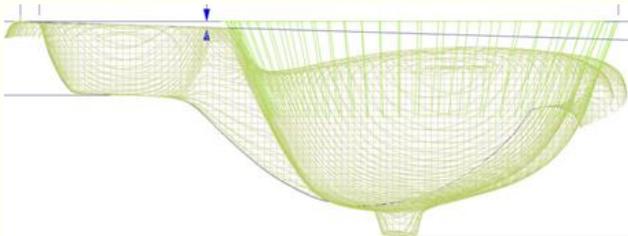
Flowform® 'flow surface design' recreates nature's  
eco-technology for the human-use water cycle

# Flowform Design

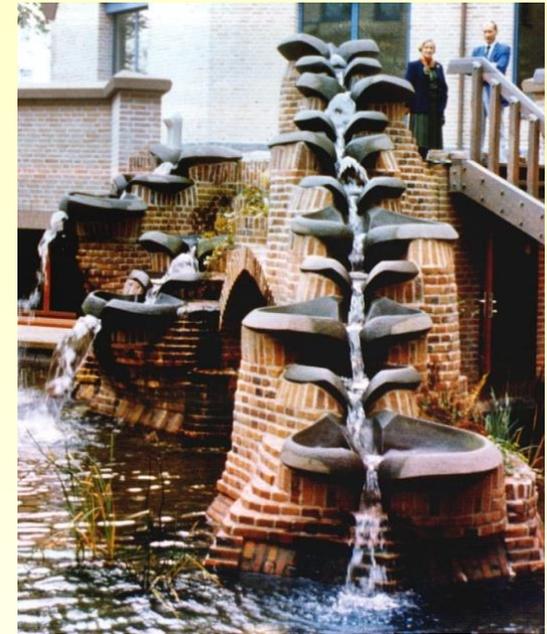
using path-curve geometry



Flowform Prototype  
for water treatment.



# Some Flowform projects renewing water quality through figure8 dynamic flow



New Zealand  
Lake Te Ko Utu

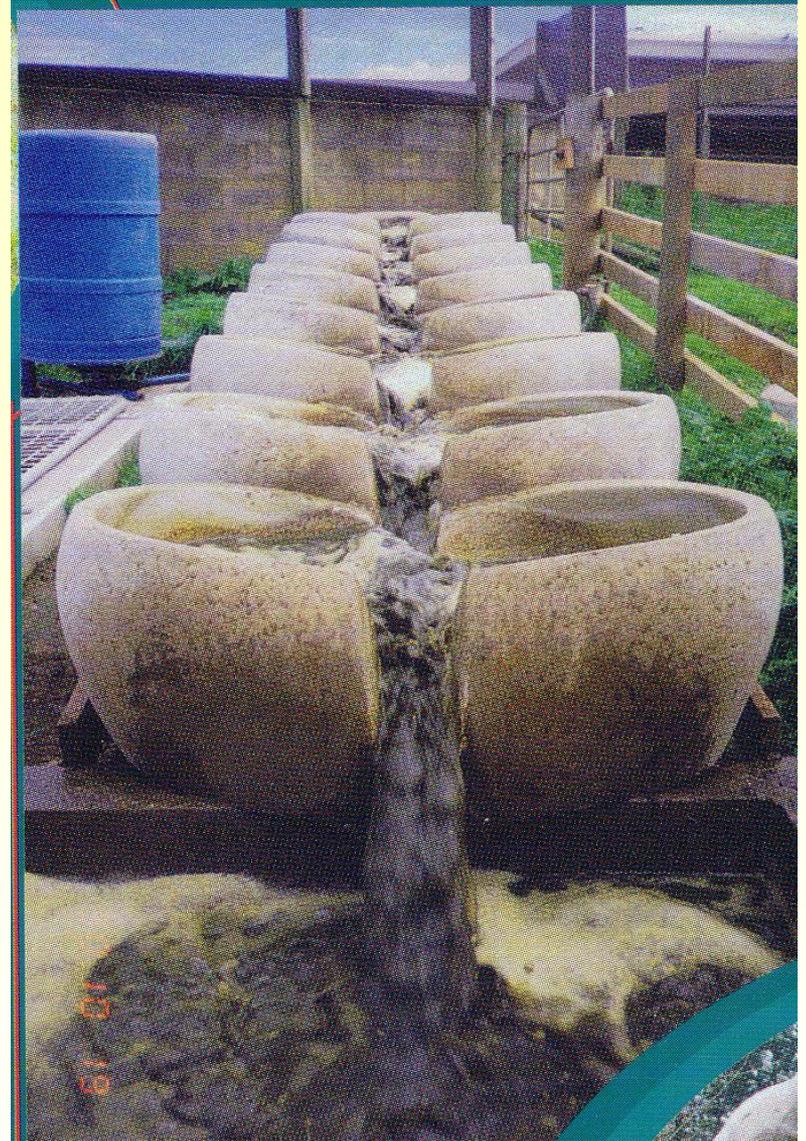
<=Before  
After =>



## Dairy Shed Effluent transformation



Design: John Wilkes and Nick Weidmann



Design: Iain Trousdell NZ

# Case Study – dairy shed effluent into liquid fertiliser

Transforming million-litre smelly effluent waste ponds into valuable liquid fertiliser

## **Reference - Farmer Greg Hill, New Zealand**

I own a 100 hectare dairy farm servicing 240 cows. Our large effluent pond used to crust up and was smelly and dark brown, prior to using Flowform. Now we have an aerobic semi-clear golden liquid that has a sweet smell, which I spray onto the paddocks as fertiliser. There is no resulting sludge and the cows are back on the nicely growing grass after only 2-3 days, instead of several weeks !



## **Peter Bacchus, Hauraki Plains, NZ**

On the farm I manage we are increasing grass growth and production and animal health as a result of using Flowform. No other system in the world I know of can add so much for so little.

Design: John Wilkes  
and team UK



BioSophia model

Flowform water treatment installation for the production of Demeter quality grain milk, using only Biodynamically grown grains. Norway

# Artistic Flowform developments.

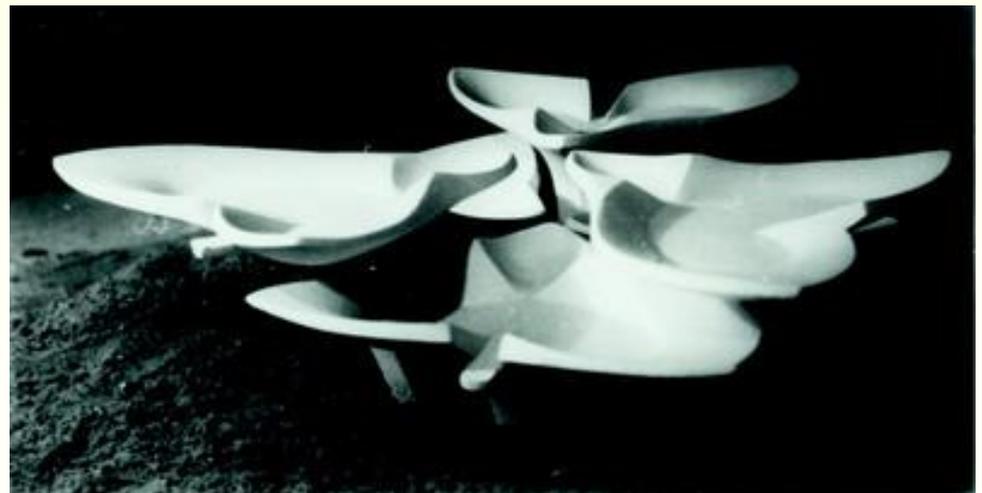
Holland and Sweden.



Design: John Wilkes and Nigel Wells UK



Design: Paul van Dijk  
Holland



“The creator of the Flowform is a genius. He has brought into a beautiful shape all the main ideas of traditional Chinese wisdom and it is also healing for water, people and the environment.”

**(Mr. P Hsu, May 2005 - Tai Chi adept & doctor, Taiwan)**

“This is the closest thing to the Tao we will ever see”

**(Taiwan Qigong Master James Yang speaking of figure8 rhythmic flow)**

“How could this wonderful thing possibly come out of the West?”

**(Traditional landscape designer, Japan )**



# FOUNDATION FOR WATER - renewing water's natural vitality

1. Research
2. Technology
3. Water Projects
4. Education



[www.foundationforwater.org](http://www.foundationforwater.org)

Pixton Hill, Sussex, England



THANK YOU