

S.A.L.T

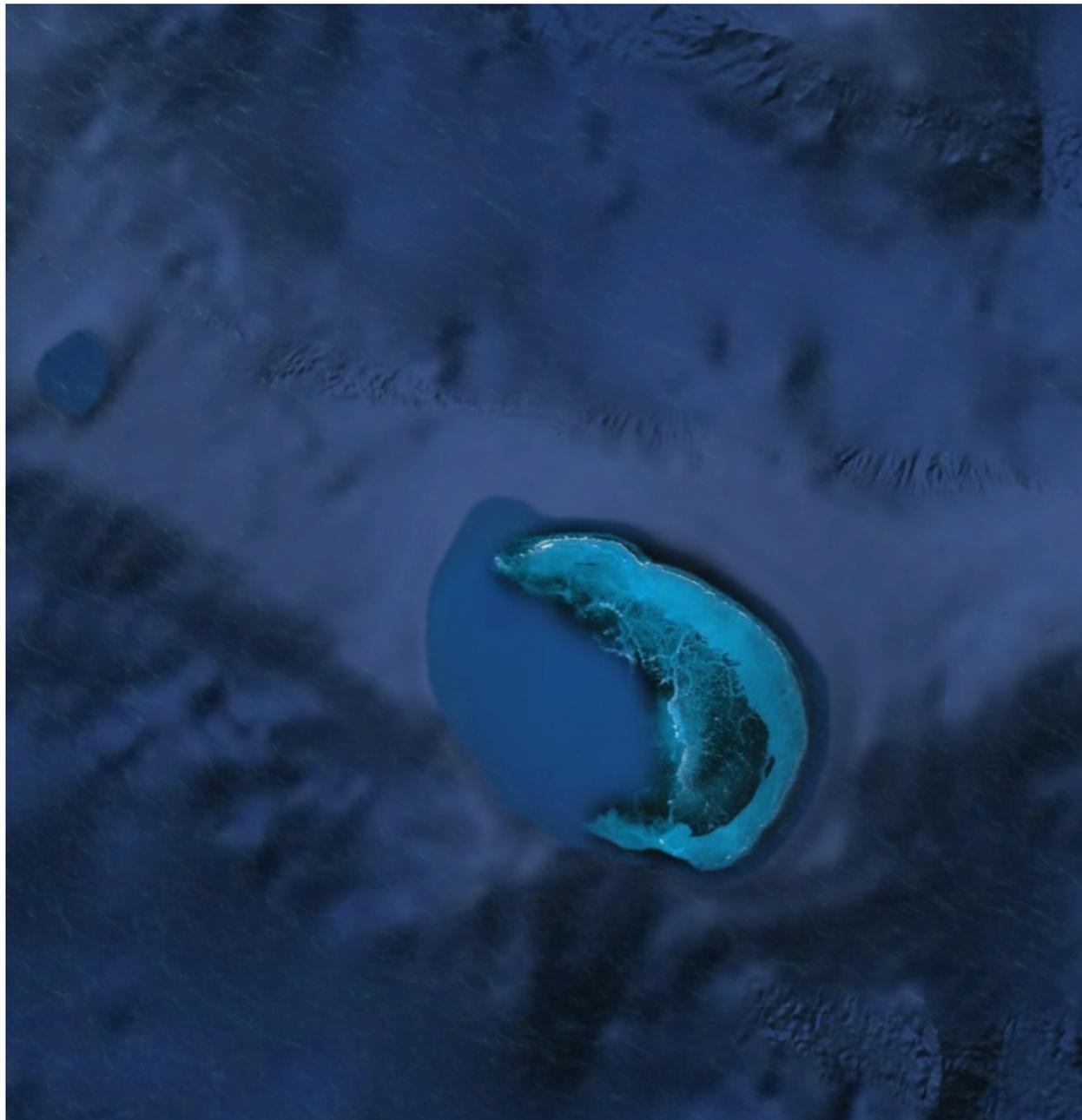
Lecture

Rietveld Academie

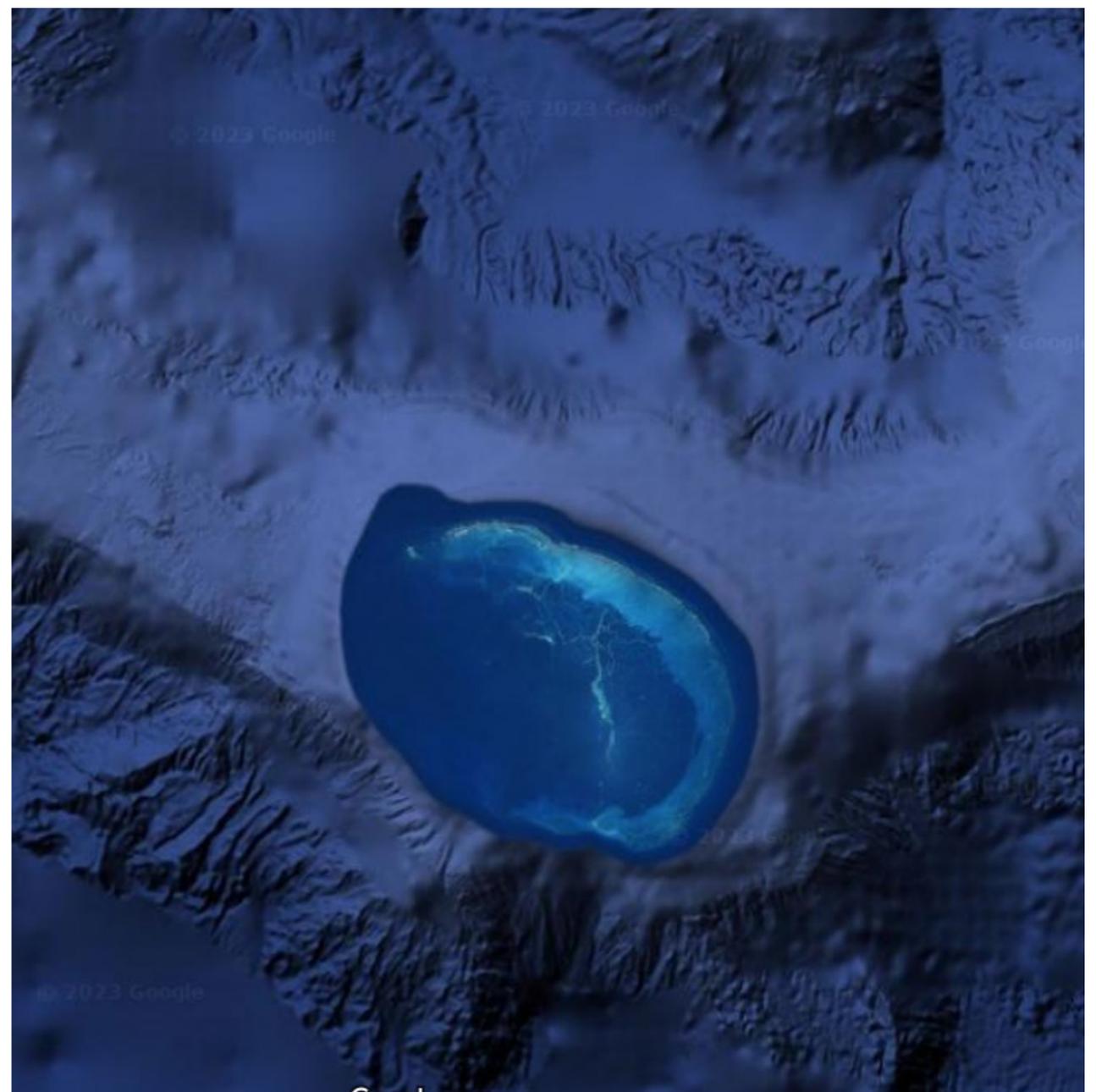
05 October 2023

Müge Yilmaz

# 2010 < > 2023 - 99 Islands



Screen shot 2010-06-22 at 3.08.11 PM.png



Screenshot 2023-03-20 at 08.35.46.png

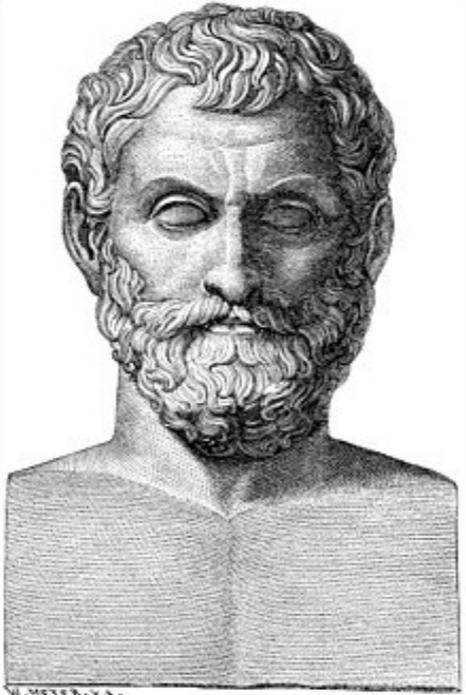
# 2013 - Circle Of Necesities (Thales of Tales)



# 2013 - Tales of Thales

Thales + Bachelard

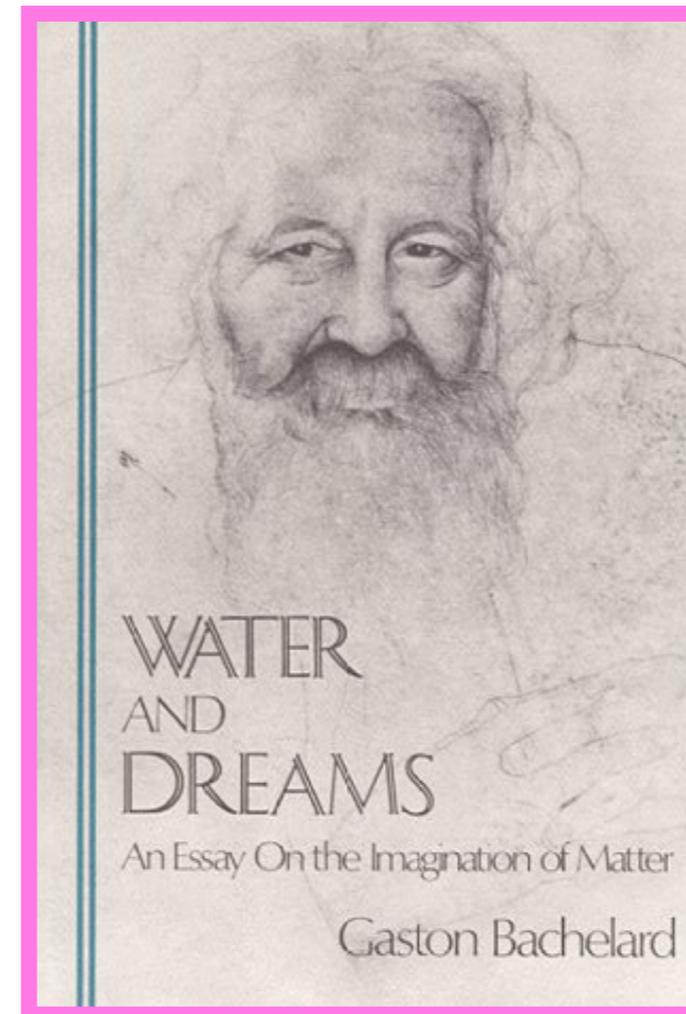
**Thales of Miletus**

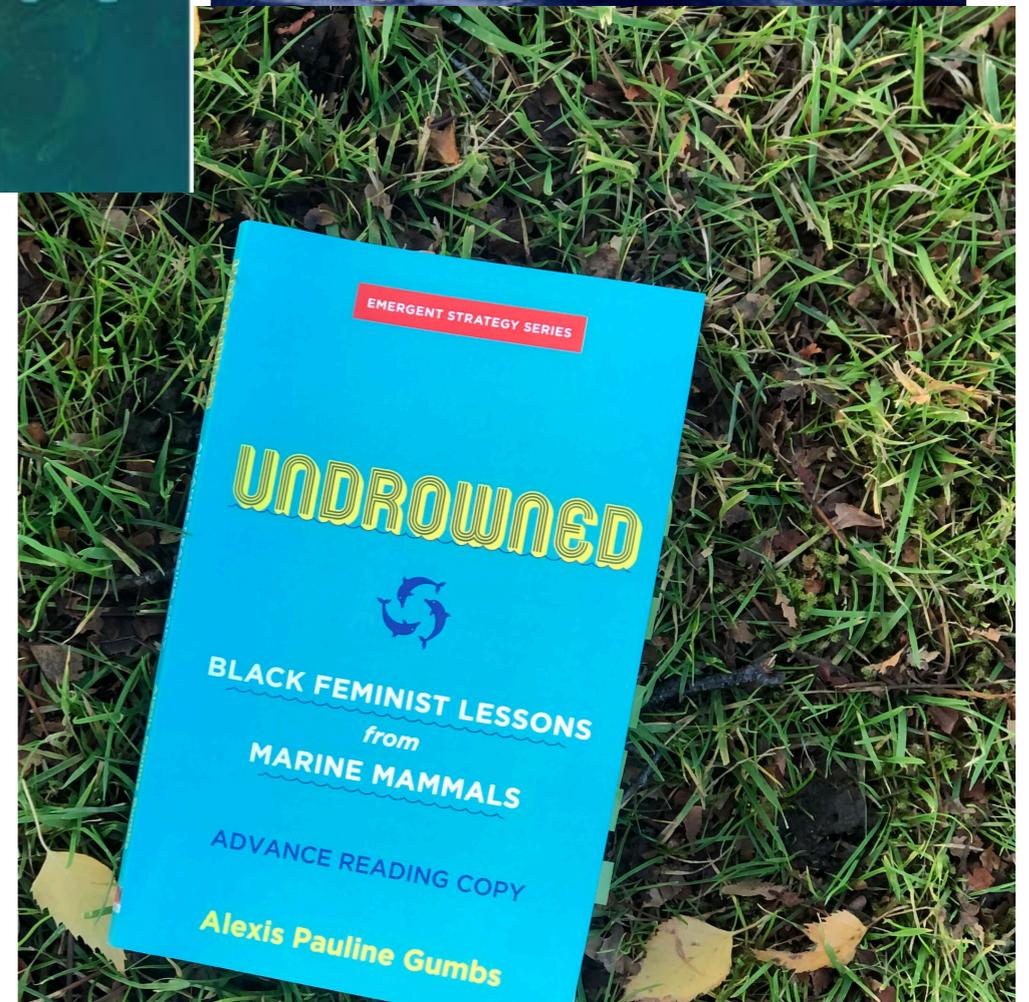
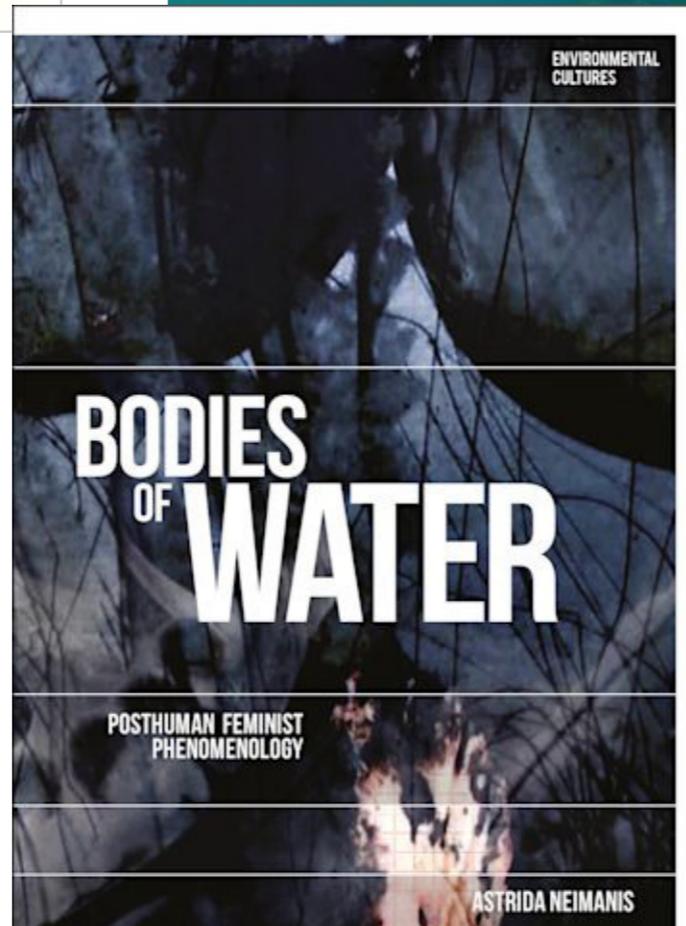
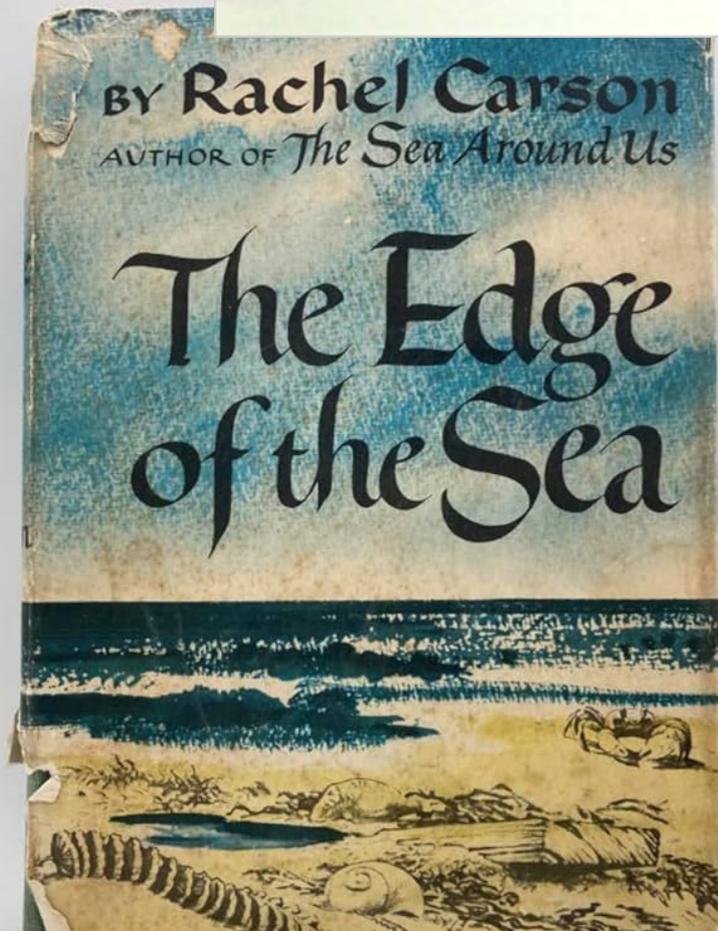
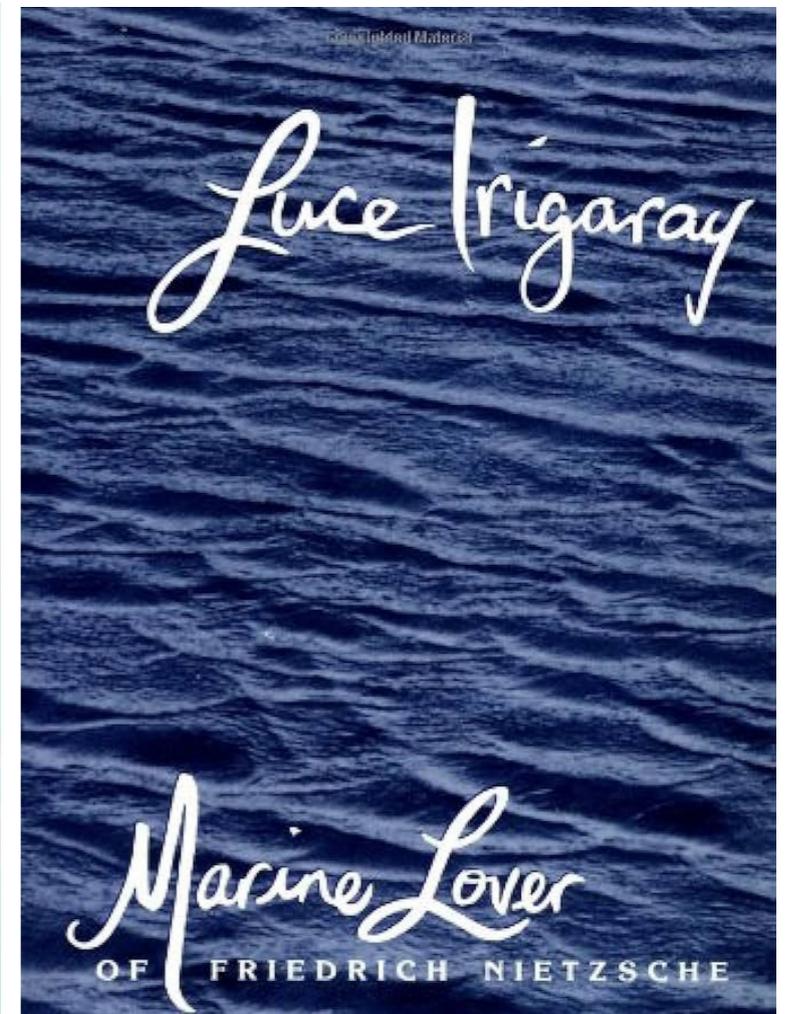
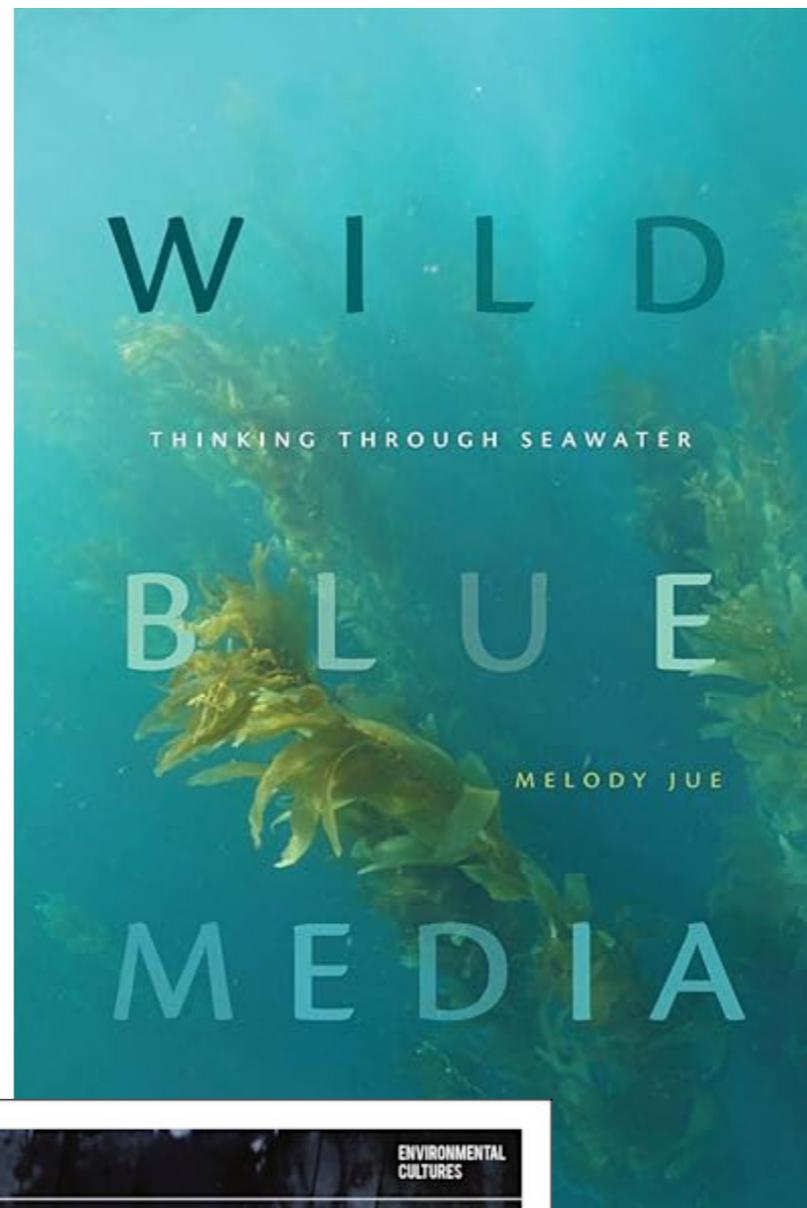
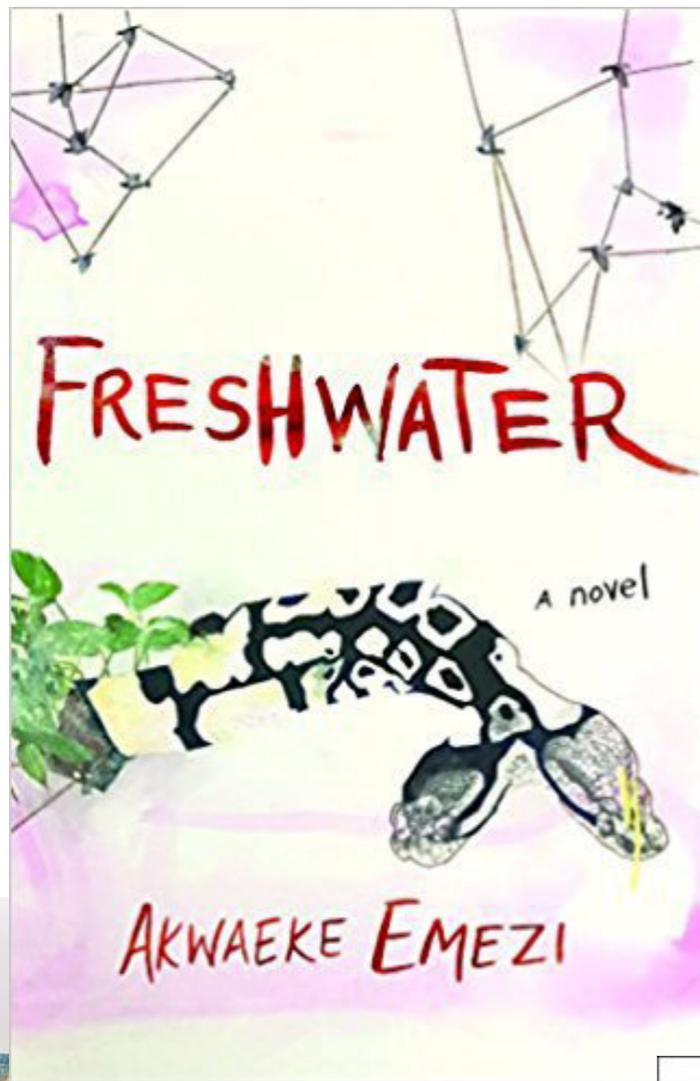


**Born** c. 626/623 BC  
Miletus, Ionia, Asia Minor

**Died** c. 548/545 BC (aged c. 78)

**Era** Pre-Socratic philosophy





**S.A.L.T**



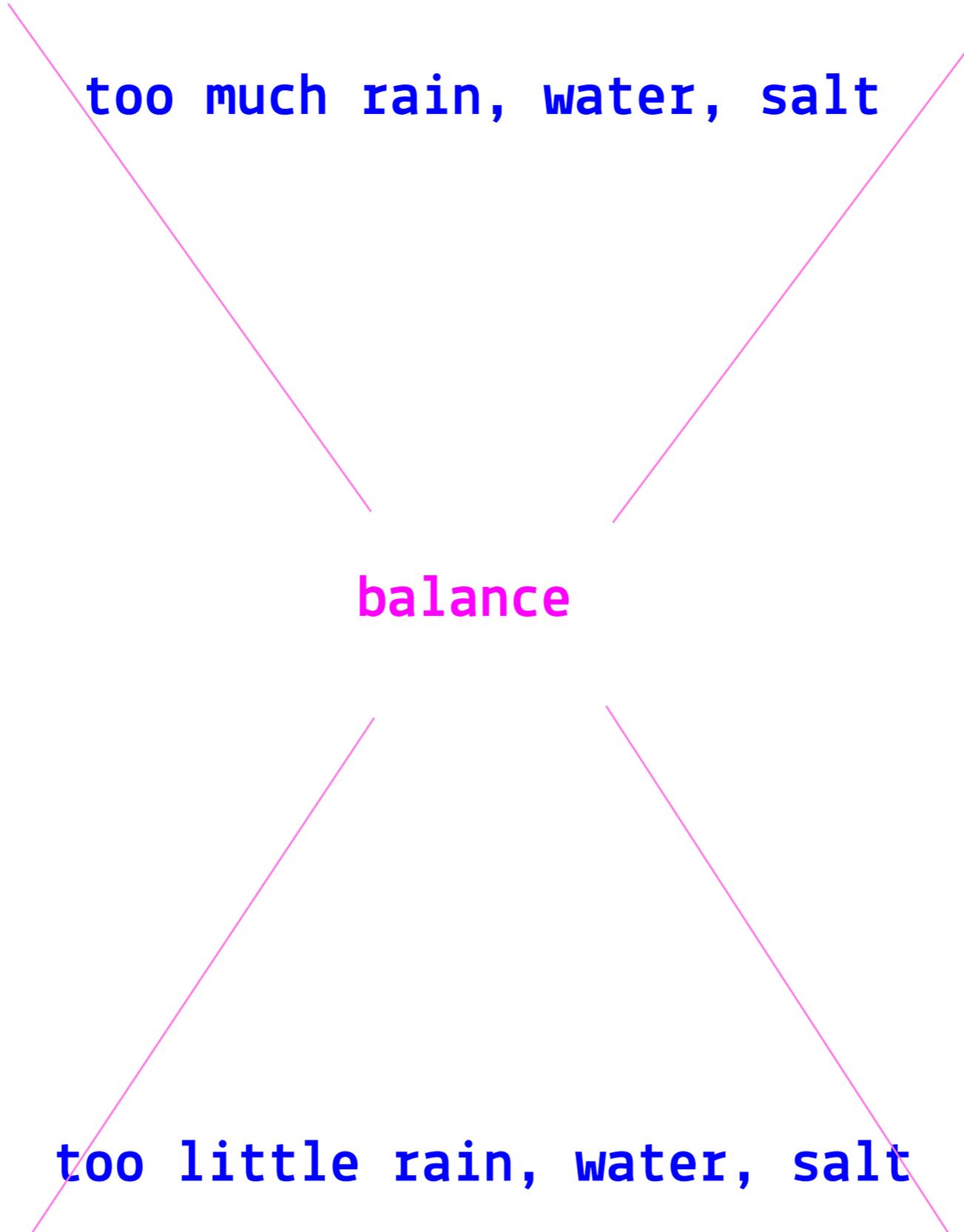
- ▼ Salt is mostly sodium chloride (NaCl)
- ▼ Our tears are salty.
- ▼ Our blood is salty.
- ▼ Amniotic fluid has about 2% salinity.  
Oceans are 3.0 to 3.5% salts.

# Observable Phenomena

**too much rain, water, salt**

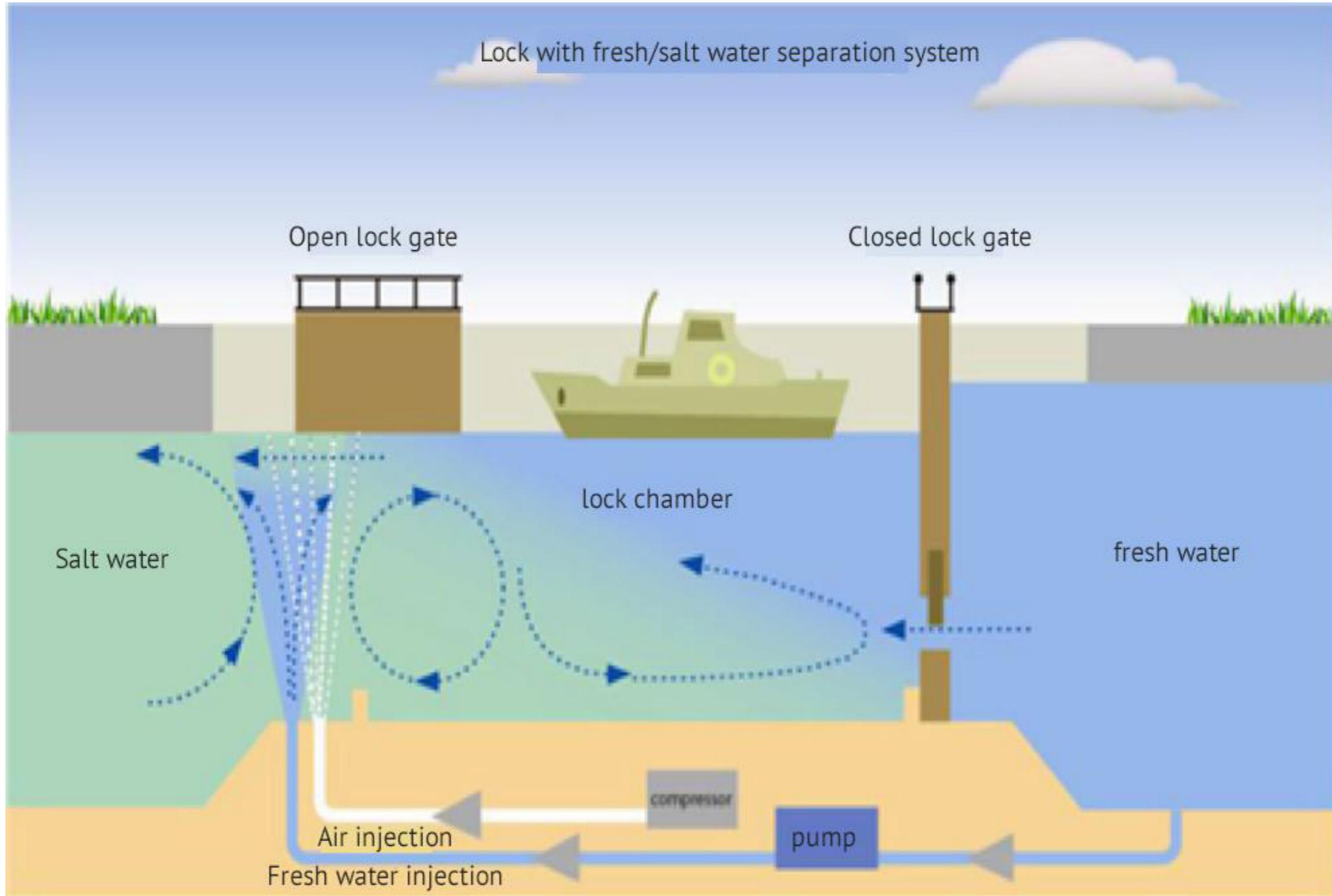
**balance**

**too little rain, water, salt**



## Salinization (Salt Intrusion)

*Salinization is the process by which water soluble salts accumulate in the soil.*



## Rising Sea Levels

Netherlands if there were no dunes/dikes/dams

Subsidence: lesser known phenomena



According to the Dutch government, current defenses are adequate up to 2050.

# Halophytes

Salt tolerating plants



*Chenopodium quinoa* Willd



*Atriplex triangularis*



*Elaeagnus angustifolia* Linn.



*Sorghum dochna* (Forssk.) Snowden



*Suaeda salsa* (L.) Pall.



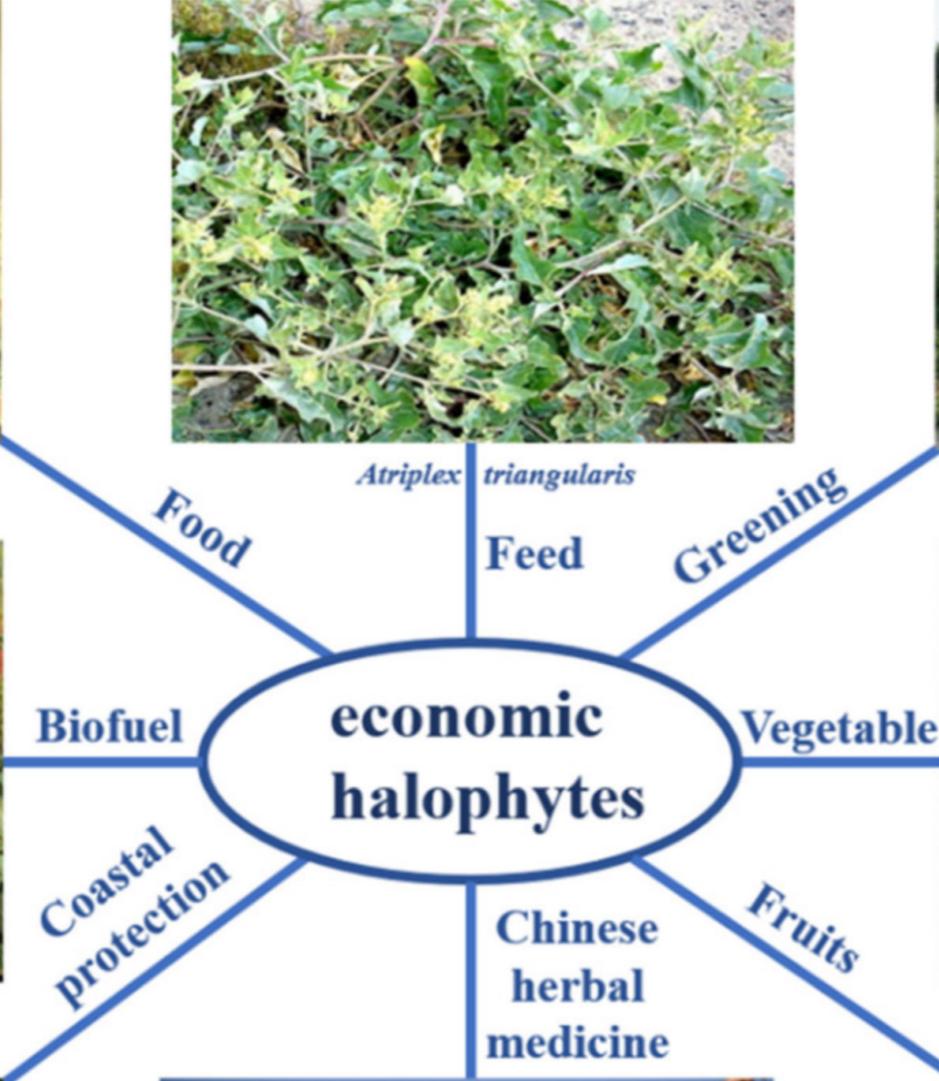
Mangroves

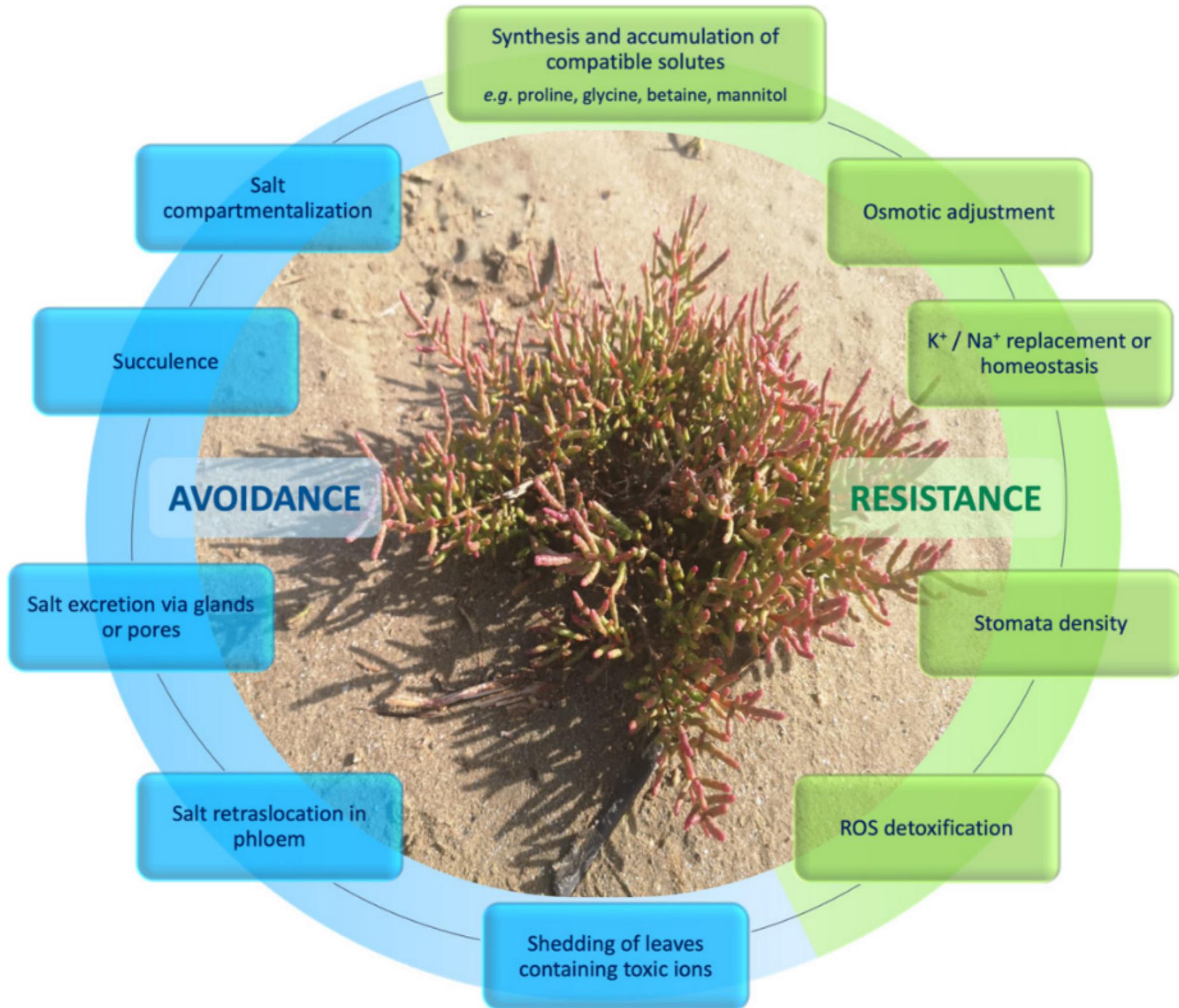


*Apocynum venetum* L.



*Zizyphus jujuba* Mill

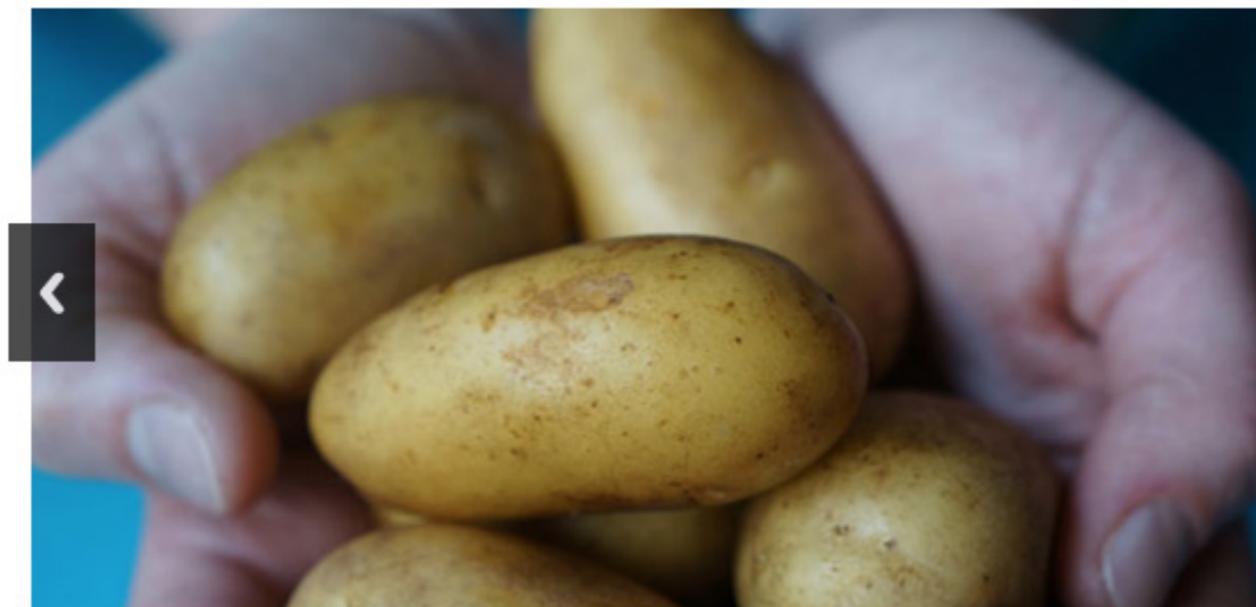
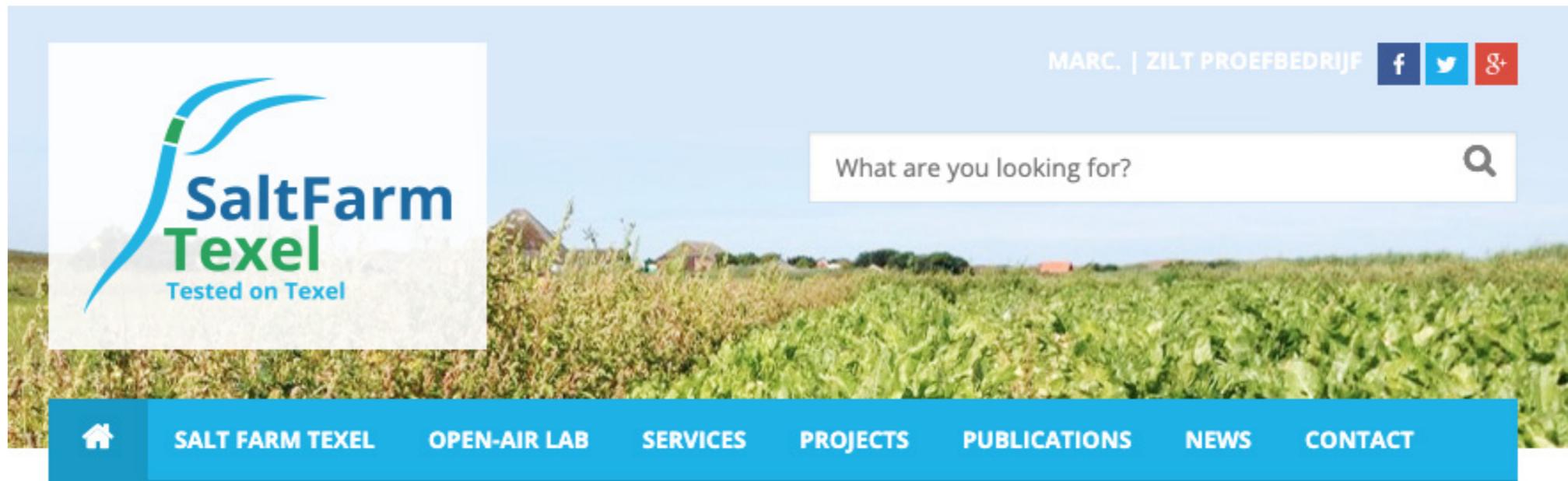




Halophytes  $\neq$  Halophytes

# Biosaline Agriculture

## Texel Salt Farm



### Salt potatoes

The unique salt potatoes cultivated by Salt Farm Texel on saline soil. The taste is very aromatic and no salt needs to be added while cooking.

[READ MORE](#)

Update (April 2020): In connection with [the development last year](#) (2019), the companies that fall under Saline-Farming (Ziltproefbedrijf/Salt Farm Texel, Marc. Foods and Waddenwier) are undergoing reorganisation, as a result of which part of the activities can be restarted. In recent years, we have made great progress in making salt-tolerant crops usable in Europe and the rest of the world. Research about saline agriculture carried out by Ziltproefbedrijf/Salt Farm Texel will be continued by [Salt Farm Foundation](#).

# Biosaline Agriculture

Texel Salt Farm

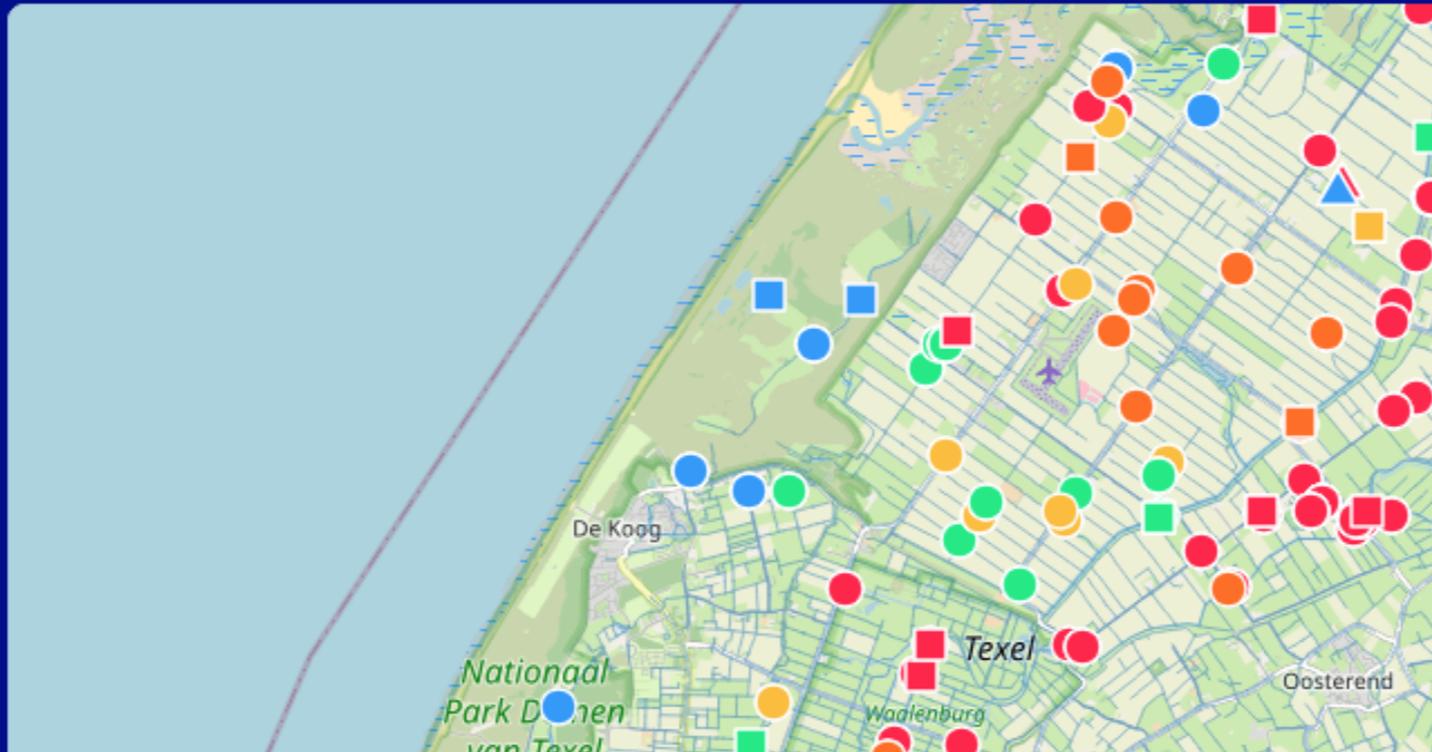


# Biosaline Agriculture

Texel Salt App

## Texel meet

### Kaart



**Legenda**

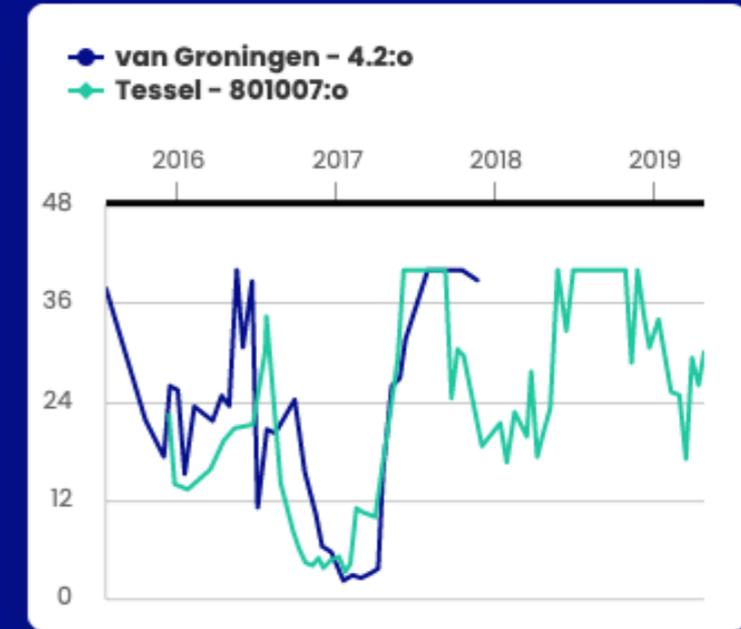
Sources: Pin (triangle), Mobile (circle), Extern (square)

EC (ms/cm): 0-1 (blue circle), 1-2 (green circle), 2-3 (yellow circle), 3-5 (orange circle), >5 (red circle)

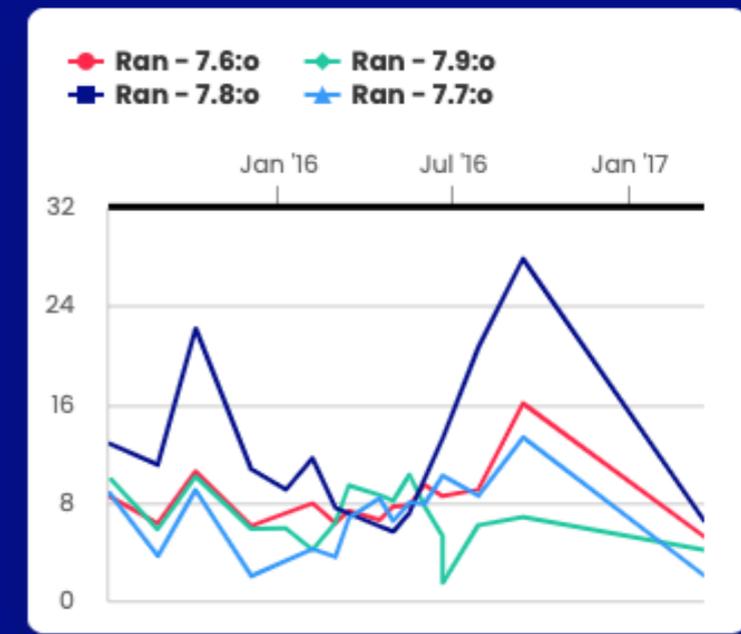
Zoet (blue circle), Zout (red circle)

3 KIT | Leaflet | © OpenStreetMap contributors

### EC



### EC



# Aquaculture + Marine Agroecology



A farmer irrigates his floating bed in a farm, August 16, 2022.

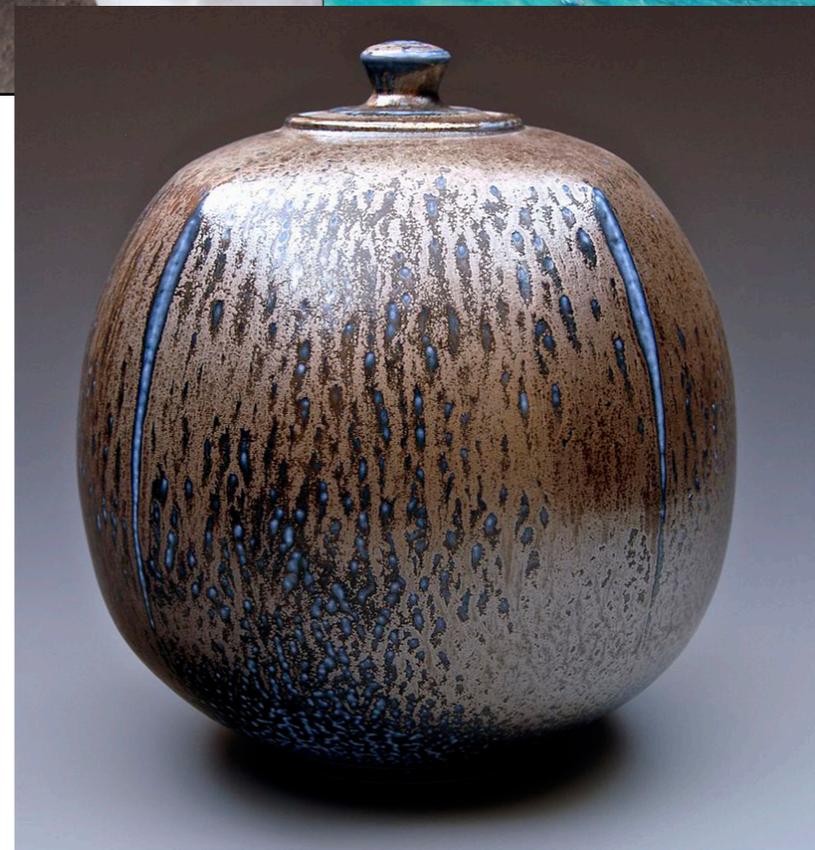
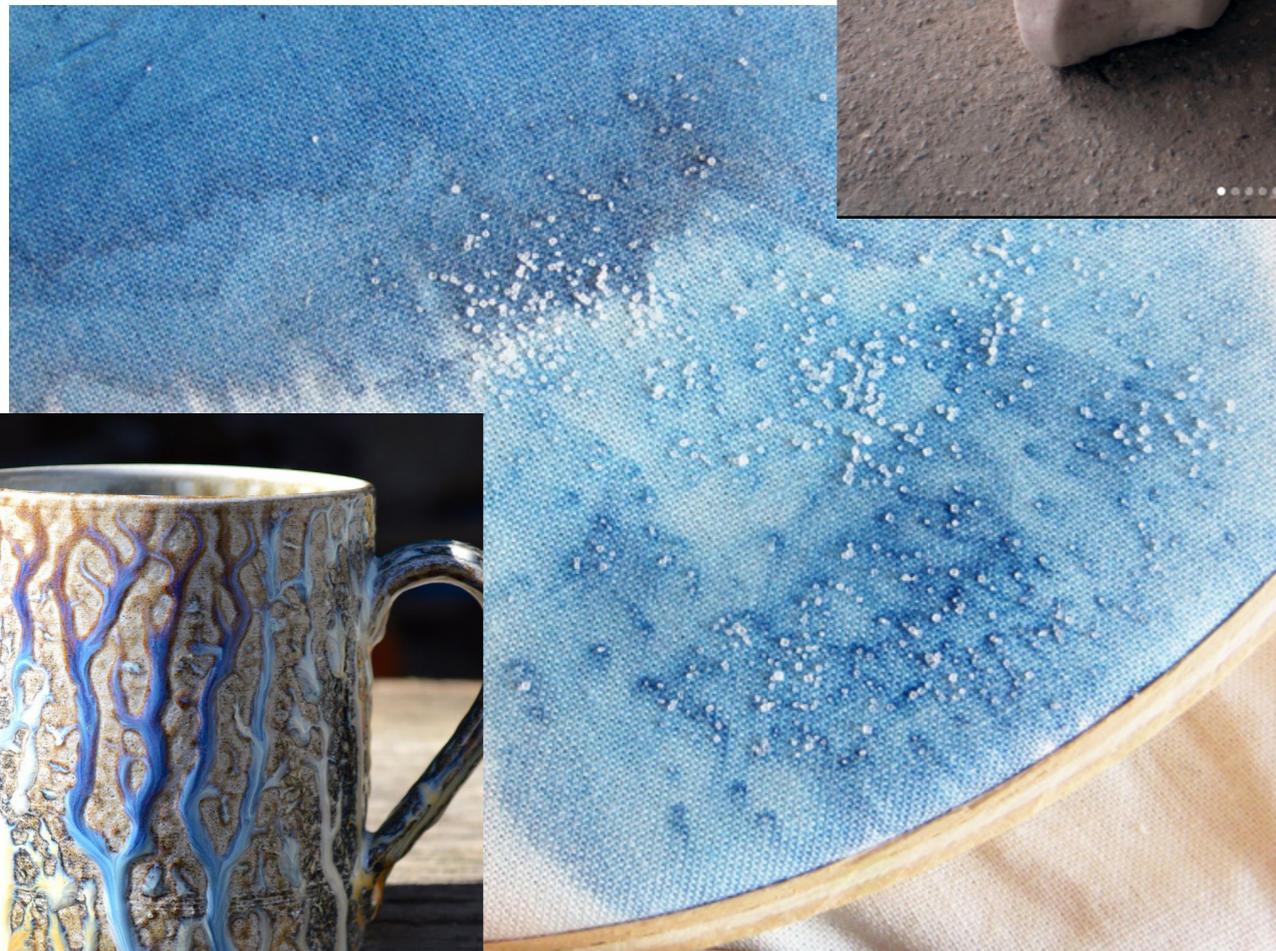
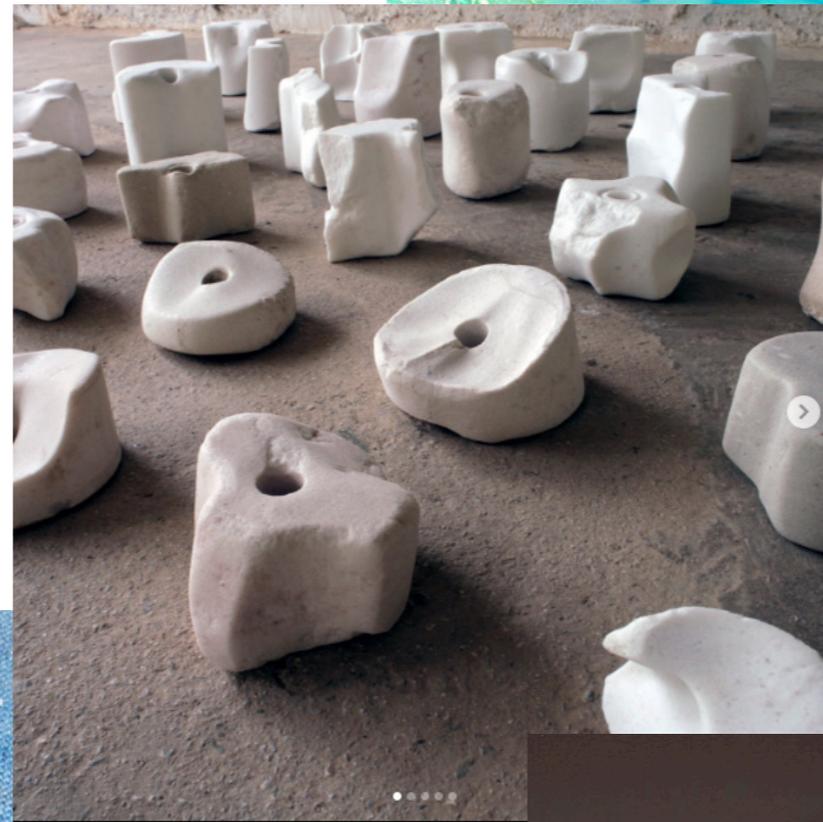
## Biosaline Agriculture + Chinampas



# Salt & Material Interactions



image by Adrian Deever & Joana Luz



# Hydrofeminism & Inclusive Salty Feminism

Woman Rising / Sea, Mary Beth Edelson, 1973



# Hydrofeminism & Inclusive Salty Feminism

Irit: Lot's Wife



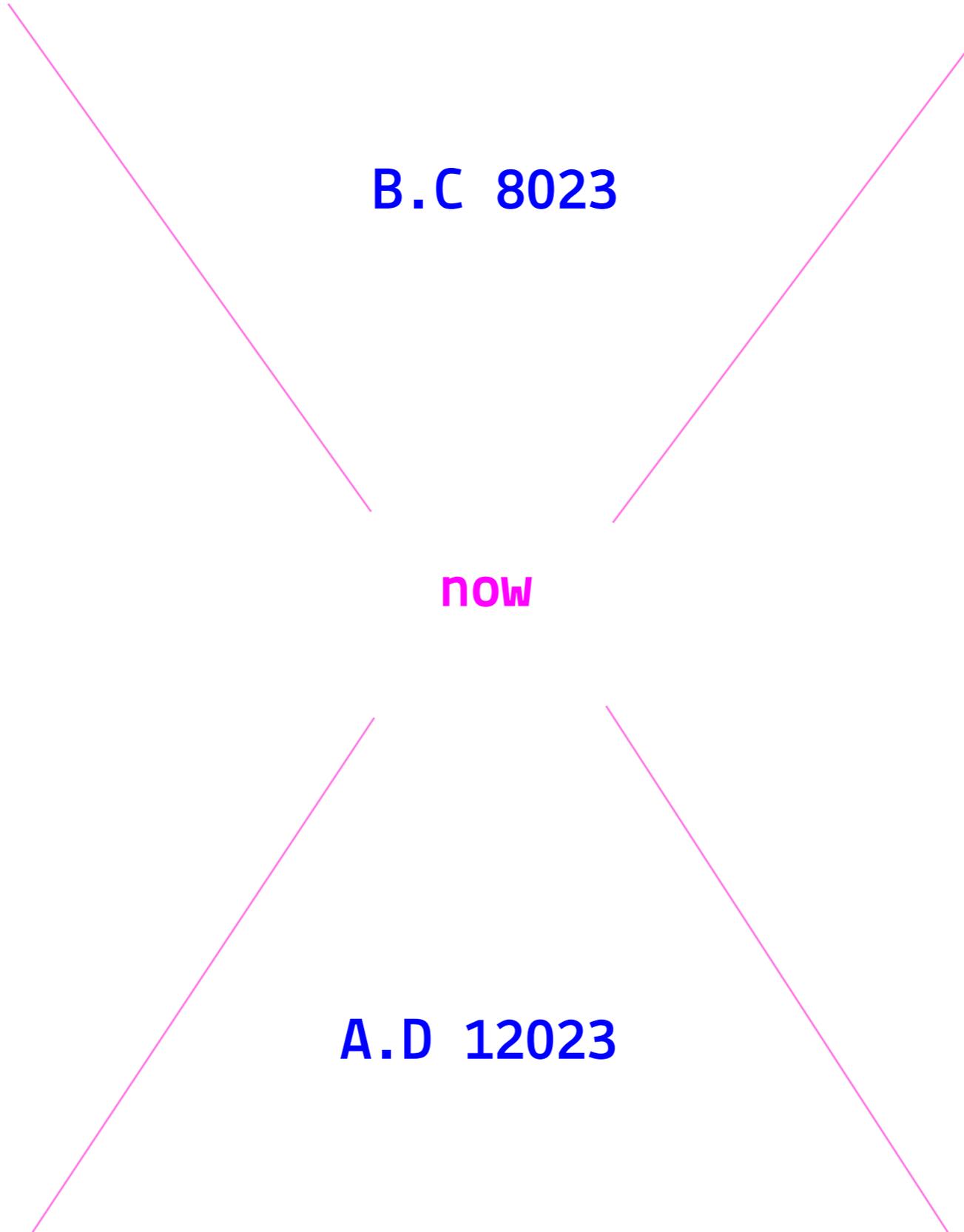
Paolo Giandoso

# Hydrofeminism & Inclusive Salty Feminism

Irit: Lot's Wife



# Artistic Methods: Timeline Reversal



**B.C 8023**

**now**

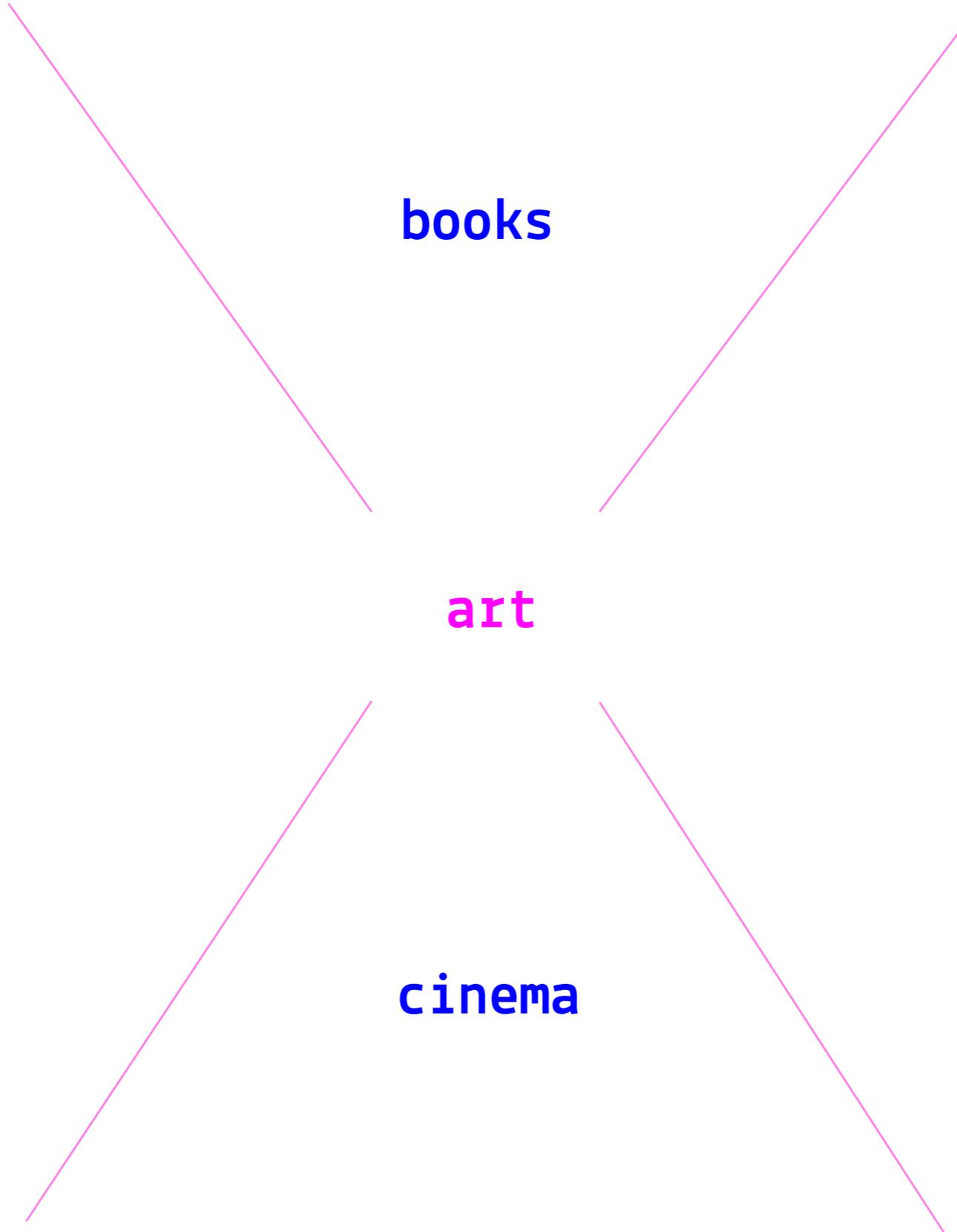
**A.D 12023**

# Artistic Methods: Reversal of Science Fiction

**books**

**art**

**cinema**



# Artistic Methods: Paralleles, Analogies, Metaphors

plants, rocks,  
animals, houses,  
objects  
houses

**subjective perception**

**people**

# Research Methods

Quantitative research

Qualitative research

What is salt?

What is the  
meaning of  
salt?

Objective

Subjective

**studio @ mugeyilmaz.com**

Thank you.

