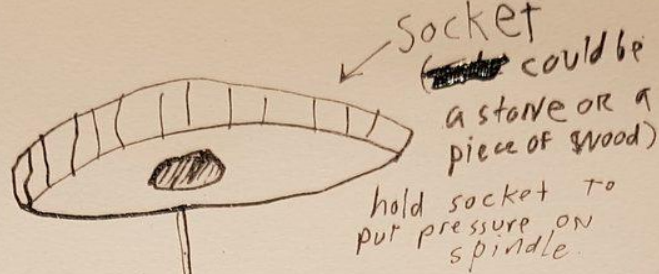


Starting a Fire

without matches



rethinking a genre

accelerating encyclopedic knowledge into action on the example of COVID19

eveline wandl-vogt
invited speaker @ encycopedistics 2020



@caissarl #k4h+ #explorations4u
encycopedistics 2020 | 10 | 15 <vienna | zagreb>



exploration space
(at) austrian academy of sciences

2017.11-
movement / space / working group for innovation and experimentation
with the aim to **transform the humanities**



ars electronica research institute
knowledge for humanity (k4h+)

2019.09-
antidisciplinary research institute
with the aim to accelerate knowledge into action, rethink genres
and contribute to **invent a more inclusive, sustainable future**

open innovation

... is a distributed process ...
... based on purposively managed knowledge flows
across organizational boundaries...
using pecuniary and non-pecuniary mechanisms

[bogers and chesbrough 2014]

best practice examples for open innovation of the austrian government

inclusive future living

concepts

- emerging technologies
- social innovation
- knowledge society
agenda knowledge4development
- emotions

- smart city
c.f. smart city vienna

- social city
c.f. social city vienna

- knowledge city
c.f. knowledge city vienna

- happy city
c.f. <https://thehappycity.com/>

humanity centered design (HYCD)

federico donelli

- participatory methods
open innovation

- human
good to people

- SDGs
social innovation

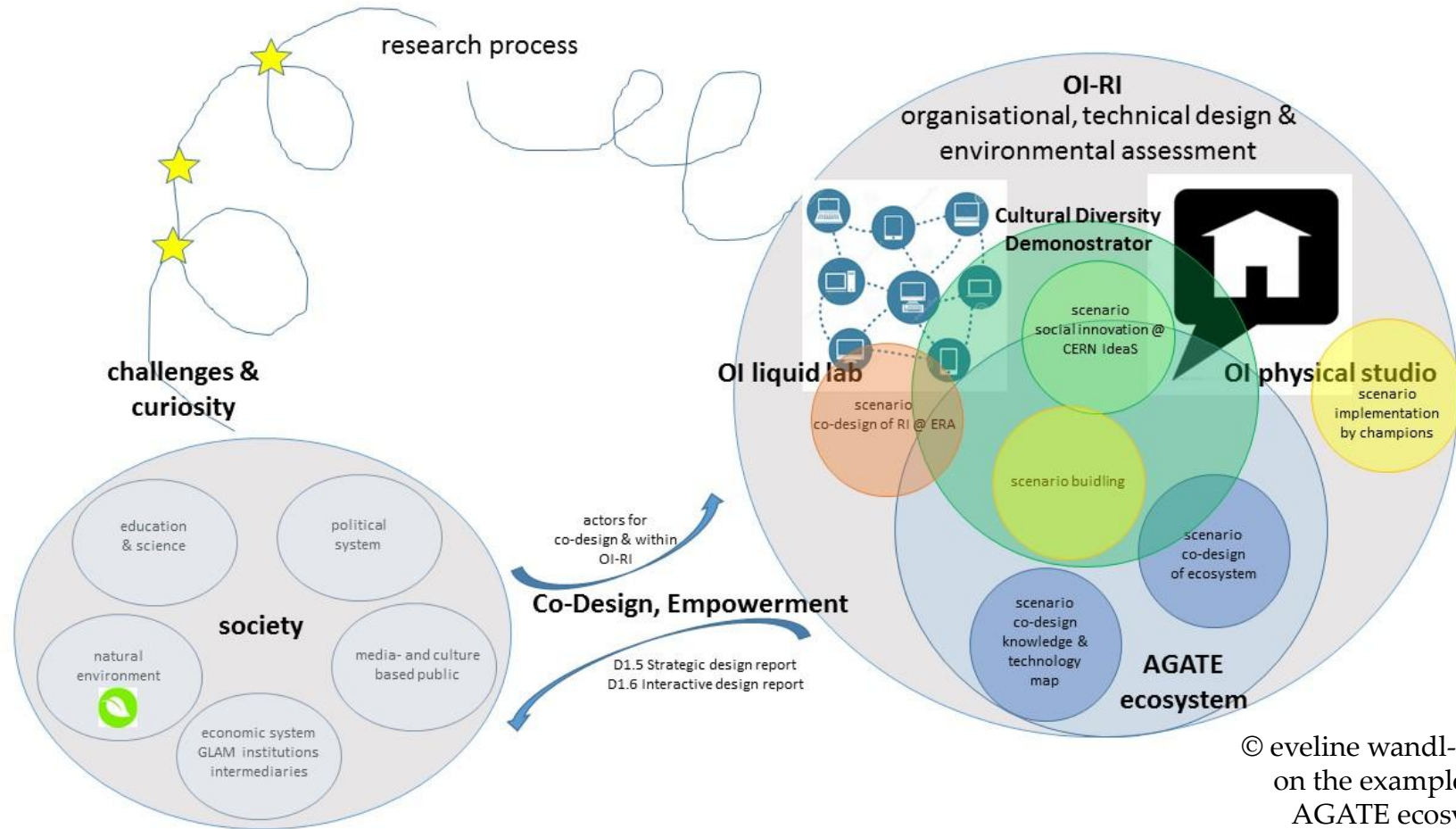
- human
totality of human beings, society

- digital humanism
extended intelligence

- human
counterpart in the human-machine dualism

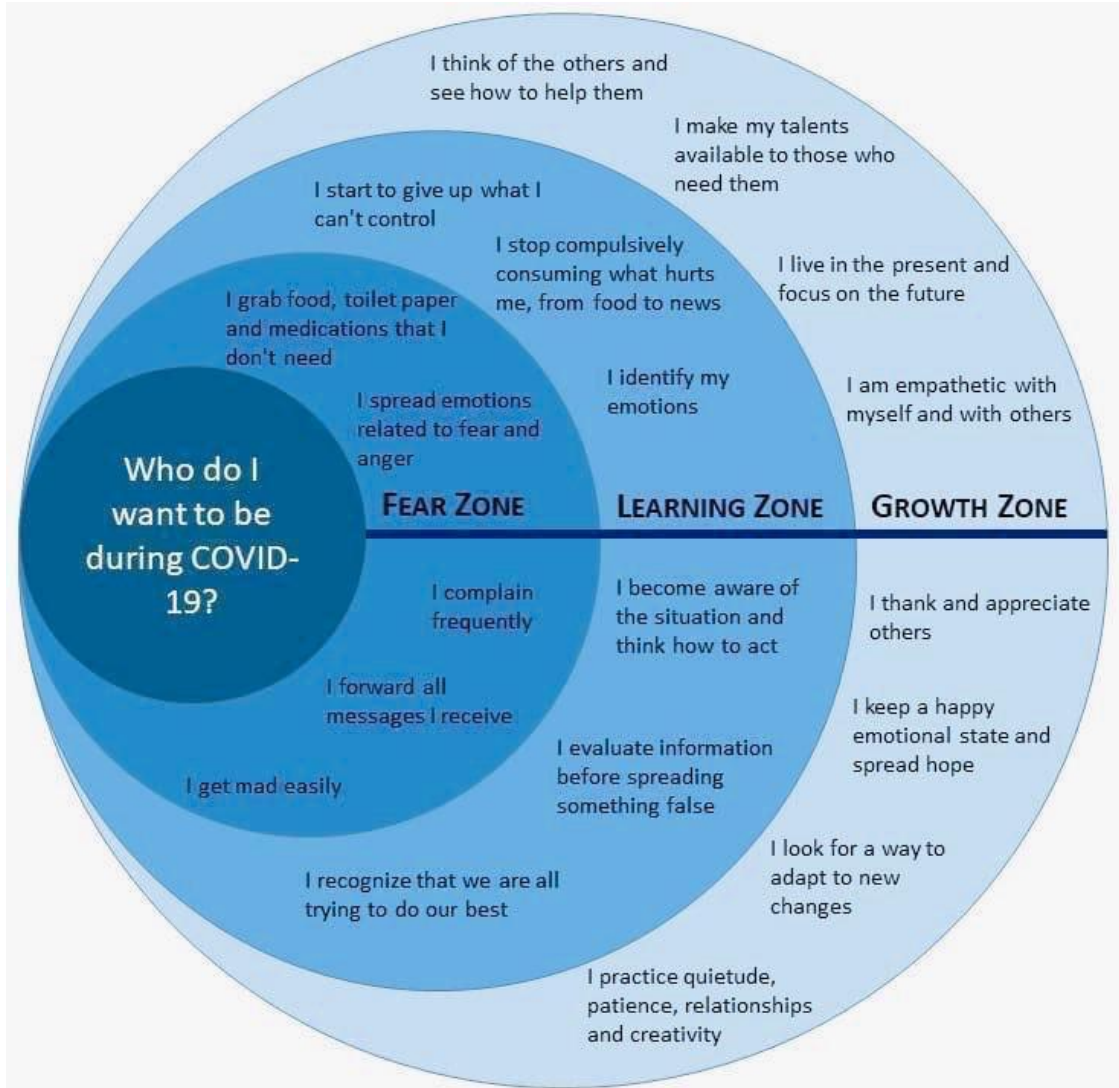
open innovation RI

hybrid, liquid, methodological



© eveline wandl-vogt 2017
on the example of the
AGATE ecosystem





COVID2019 insights:

mapping diversity and community

collaboration project with elian and gabriel [carsenat](#) (namsor | FR)
and dario [rodrighiero](#) (MIT, metalab at harvard, berkman klein center for internet and society | US)

- duration: since COVID19 lockdown#1 in AT
 - diversity index | origin, „ethnicity“
- applying it to the [cord-19](#) COVID19 dataset (wang et al 2020)
 - clustering: people and terms
> communities

- results:
 - datasets and related scripts,
 - interactive visualizations (analogue and digital),
 - intervention at [ars electronica 2020](#) in deep space,
 - virtual intervention at [pixel vienna 2020](#),
 - grant application [DARIAH theme](#) 2020,
 - scientific paper for leonardo

transformation of knowledge into action

COVID2019 insights: mapping diversity and community encyclopedic knowledge and the diversity index

- collaboration with namsor started during my active time as lexicographer

joint challenge:
what type of names are most likely for a certain ethnicity?

COVID2019 insights: mapping diversity and community encyclopedic knowledge and the diversity index

- collaboration with namsor started during my active time as lexicographer

joint challenge:
what type of names are most likely for a certain ethnicity?

data about people:

- name of a person
 - etymology
- biography, prosopography
 - ...

COVID2019 insights: mapping diversity and community encyclopedic knowledge and the diversity index

- collaboration with namsor started during my active time as lexicographer

joint challenge:
what type of names are most likely for a certain ethnicity?

data about people:

- name of a person
 - **etymology**
- biography, prosopography
 - ...

COVID2019 insights: mapping diversity and community encyclopedic knowledge and the diversity index

1

namsor...

2

a tool to sort names

who are they, where are they, what are they doing?

main focus on diasporas

applying onomastics for various further /applied/ purposes

2019

workshop on biodiversity, linguistic and cultural diversity

furthered approach

COVID2019 insights: mapping diversity and community accessing encyclopedic knowledge in a complex world

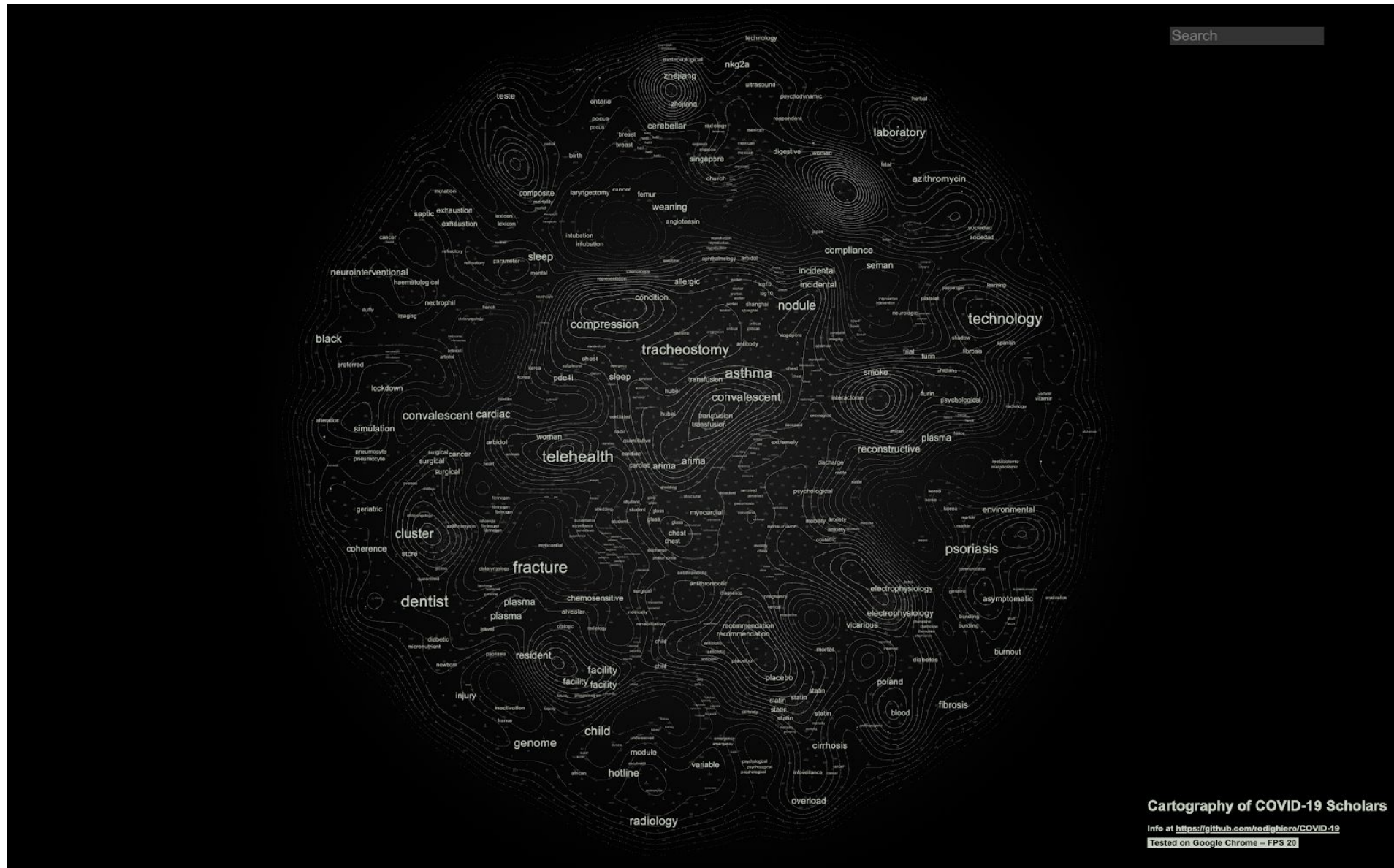
challenge:
access to knowledge

- not because of paywall
- but because of structure, lack of machine readability etc.

due to this

the indices work currently
with very view humanities' knowledge used

and not based on a modern encyclopedic knowledge networking
which could accelerate the knowledge more immediately into action

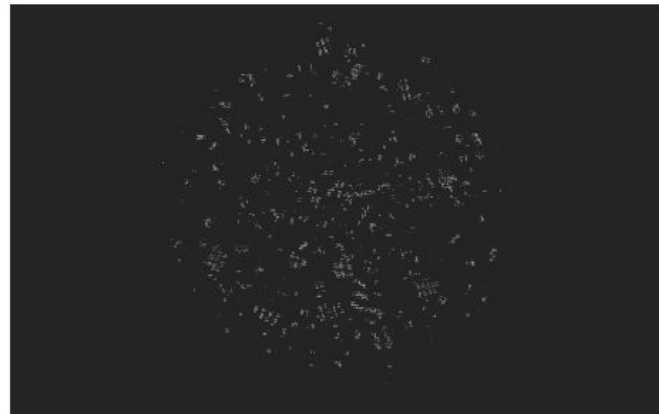
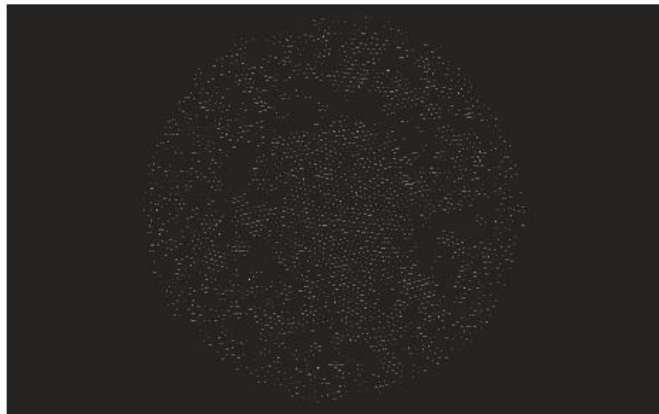
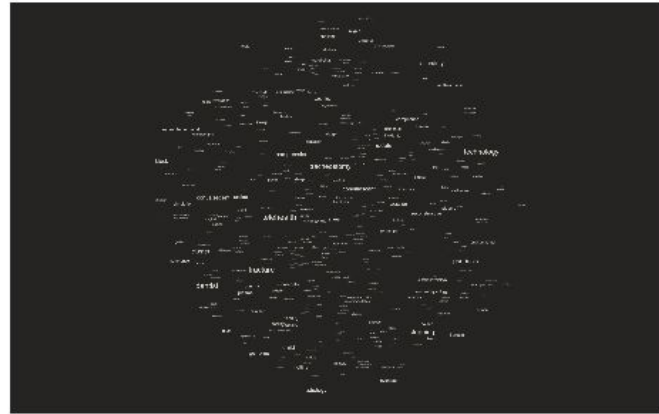
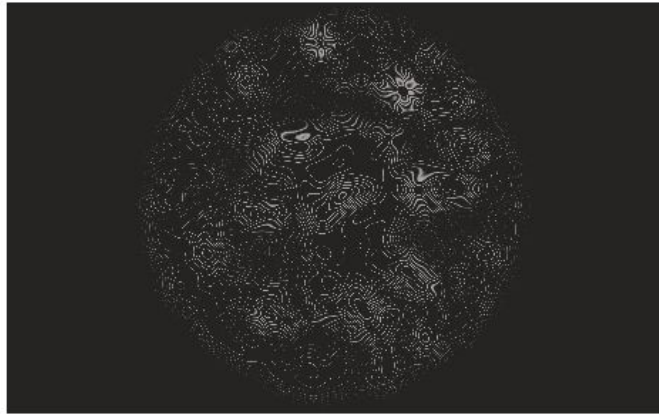
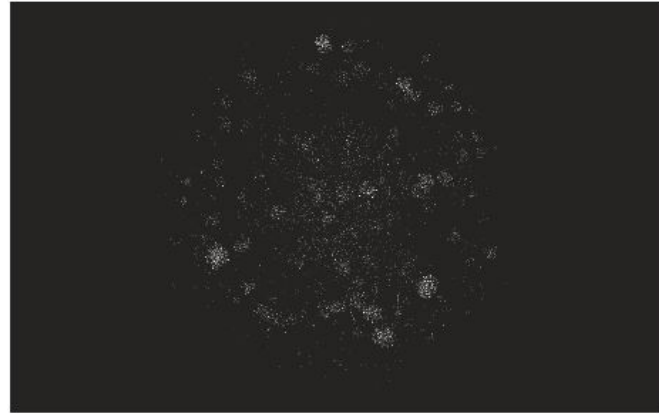
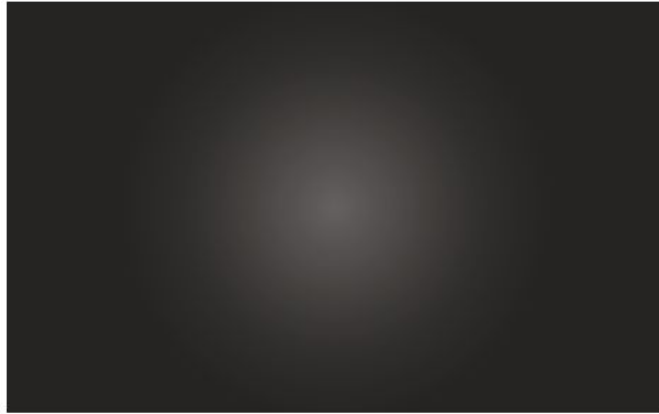


the [cartography of COVID-19](#) represents the most active researchers since the beginning of the pandemic. at first glance, keywords and elevations help the reader to begin exploration.

these layers correspond to different kinds of information that are overlapped to show specific layers according to the zoom level.

following the writing arrangement:

- 1) background,*
 - 2) edges,*
 - 3) cartography,*
 - 4) keywords for pairs,*
 - 5) nodes,*
- and*
- 6) keywords for triplets.*

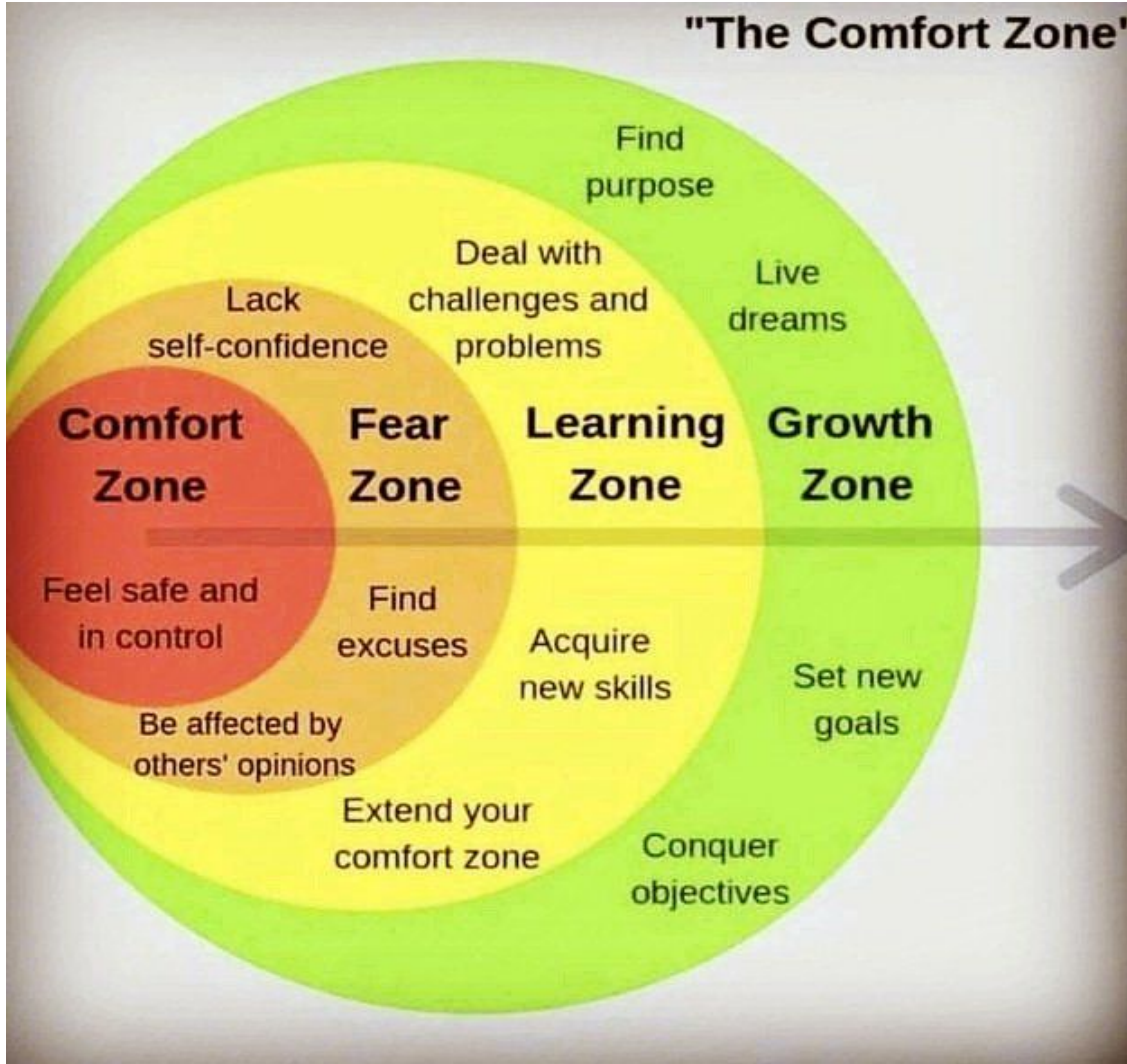




The analog board "chinese sea" representing "ethnicities" presented at deep space during ars electronica festival 2020.

COVID2019 insights: mapping diversity and community learnings

- applied onomastics can help to detect certain clusters of communities and study their scientific and / or societal impact
- encyclopedic knowledge can help to create better gold data sets to increase the quality of an origin/ethnicity index
- collaboration can help to build better accessible encyclopedic knowledge sources (conceptual, technical etc.)



rethinking a genre

accelerating encyclopedic knowledge into action on the example of COVID19

thank you!

eveline wandl-vogt

invited speaker @ encycopedistics 2020



@caissarl #k4h+ #explorations4u
encycopedistics 2020 | 10 | 15 <vienna | zagreb>

