

Think globally,
act locally...

...collaborate
bioregionally!

BIOREGIONAL
REGENERATION
SUMMIT
Oct 24–Nov 4, 2022

the Natural Growth Path – a plan to change plans

– First get things going, Then make them work –
Nature's (and our own) Tried-and-True Plan for Creation

Jessie Henshaw's Natural systems design science

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Possibilities for Transformation

Learning how natural systems (and we) often do it SO successfully
To apply elsewhere

We do it all the time at home! It's our focus at work too!

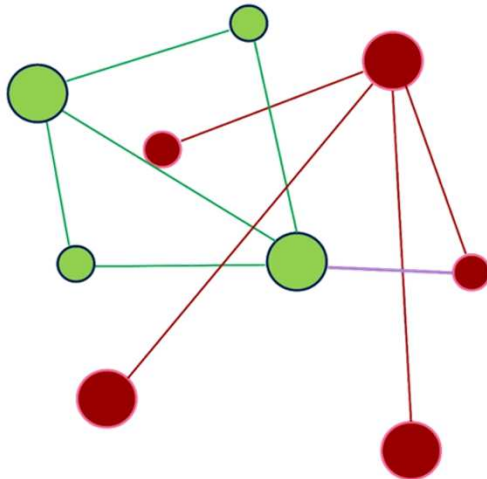
How do we see it more clearly? How do we tell others?

- Sometimes we're Immersed in the Contexts
and both feel AND understand the relationships at stake
- Other times we act blind to them, living in a world where the blind took over.

Homes are Intimate Centers guided by their common relationships the hives in the nodes

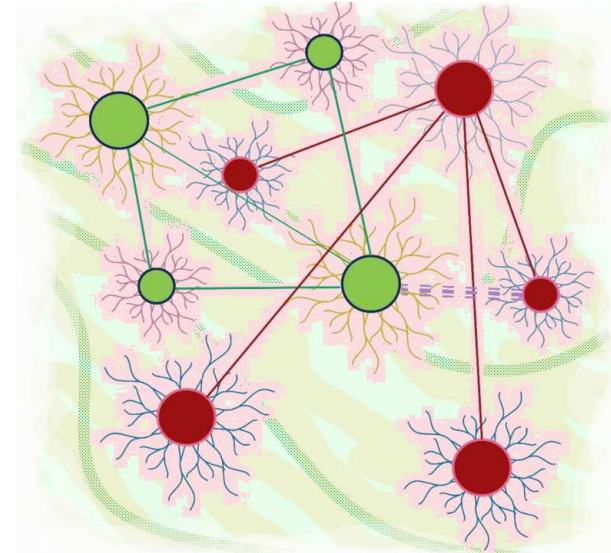
that can ground distant connections and make systems whole
steering from a distance blinds us to the hives of relationships out of context

Distant Relations
of just the connections



Abstract concepts without context

Natural System Networks
of hubs w/ hives inside – in context



v. Rich homes embedded in contexts

Natural Systems Science came from what physics avoided helping to fill in what's omitted

Background: science family, a small town where *everything* worked,
big world where increasingly everything wasn't, close friends on the case

- **This work started as physics**, noticing that all events started with a little burst of energy, that physics didn't study, emerging systems
- **Then seeing growth was organization** not numbers, equations, not "cause and effect" a 'BIG Ah Ha' that growth builds systems by "find and connect" ... As we do!
- **Centuries of denial hide useful signs**, so putdowns or boasting can be signs of hiding something interesting that rules don't see
- **Ironies and extreme differences too** as how home (communal) and work life (power) cultures differ – same nice people but having very different affects on life.

<https://synapse9.com/signals/why-natural-growth-is-our-natural-and-likely-only-way-out/>

So, “in context” we can “read the signs” for steering

and “out of context” we don’t, making concepts and rules, to suite ourselves!

And... our rudder keeps getting stuck on the rules we liked in the past!

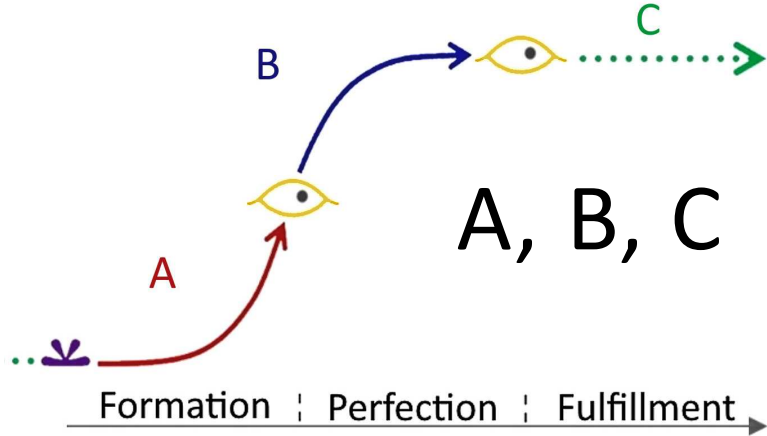
But growth out of context is still a big “Plan to Change Plans,” and when that comes... *that* confuses all the rules we follow

Still, All steering starts much the same way

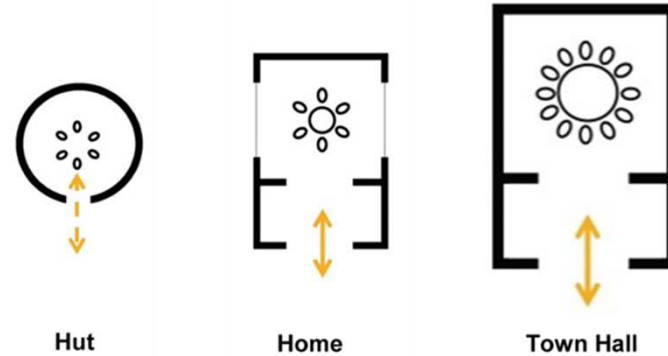
- **Steering a car, bodies or lives takes “free energy, opportunity, & reading the signs”**
- Normally we read the context to stay on track
- So, the context that does much of the steering.
- Unless you’re blind to it.
- **Steering the economy takes “free energy, opportunity, & reading the signs” too!**
- But the system is steering for ever growing profits NOT reading the context
- As if following a “never-steer” rule

How nature does it – more like family

Nature's Integral



How Life's Learning Adds UP
Every new system growing out of its contexts



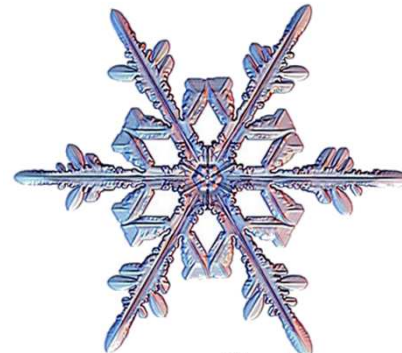
Storm



Tree



People



Snowflake



City

So, how DO we do it? What signs do we read to change plans?

What are some of your useful signals?

Feelings of ? What you notice? What you wait for?

What non-verbal signals of system change would *others* need to know?

All steering starts much the same way

A Dinner, Trip, Project, Relationship, a Business Society, Civilization

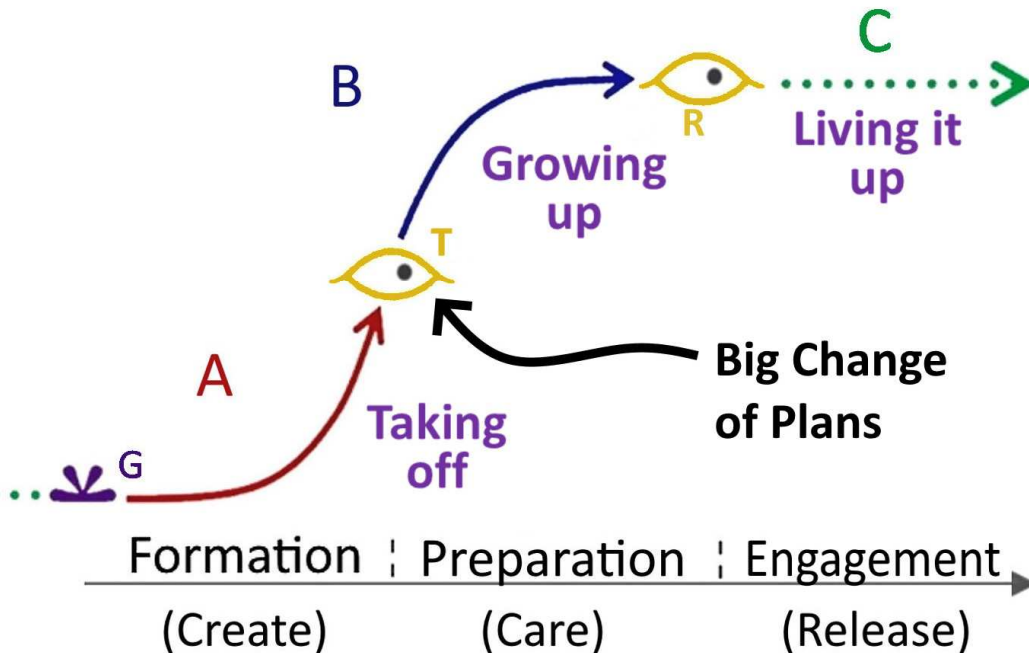
- **What tells you your work is ready to start, or ready to climax?**
- What gives you the urge to start things, tells you it could be viable, and turns you to making it ready to fit the world where it needs to work
- **What were early signs of global growth, and its natural time to climax?**
- What signaled it was ready to take-off, was ready to mature, and needed to change plans for how to live in the world?

The General Model, with three Big Events and three Life Stages

Each transformation event **G, T, R**, starts the next transformation process **A, B, C**
handing off to the next, the prior stage's evolution – energy – and resources

The System Steering shifts abilities, & resources in response to feeling the System Needs.

Nature's Integral



- 1. **When things connect, Germination (G)** starts a capture of resources used for rapid growth (A) of the new system's new form and its coupling to its environment.
- 2. **When the new design is viable, Turn (T)** the growth resources pass to the care, learning and maturation (B) of the system in preparation for its NEXT new world.
- 3. **When finally ready, its Release (R)** starts its engagement with life (C) as a resourceful self-governing individual, with a life ahead, of taking new roles as part of a larger whole.

the Natural Growth Path – a plan to change plans

Site <http://synapse9.com/signals>

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& Slides

[https://synapse9.com/ EnTrans](https://synapse9.com/EnTrans)

[/2022-1101-NatGroPlan.pdf](https://synapse9.com/2022-1101-NatGroPlan.pdf)

A few more slides below for discussion

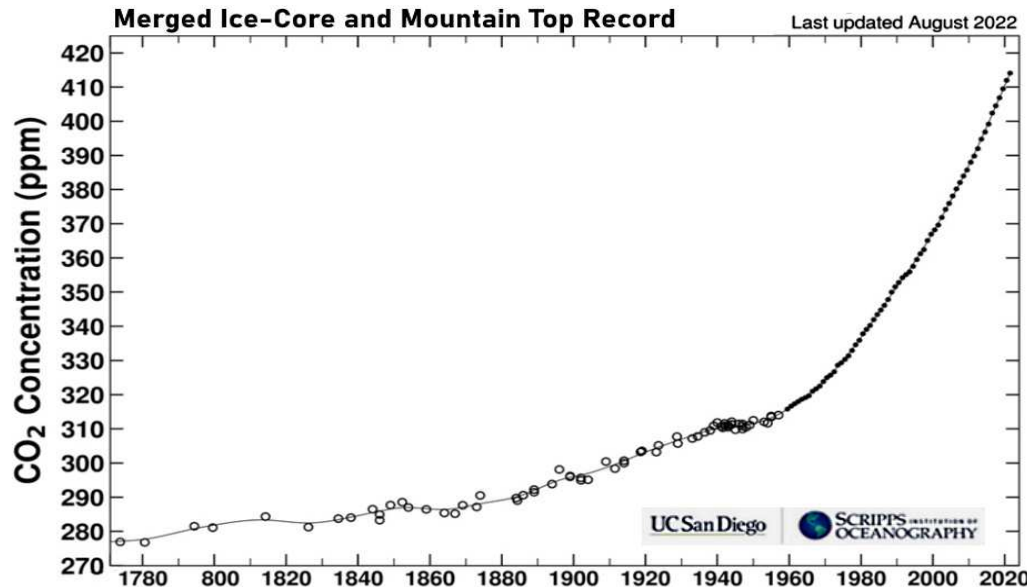
Or like our acting as if deer caught in the headlights.

We do need to ask the big questions!

Or is our thinking explosive change as constant More Cognitive?

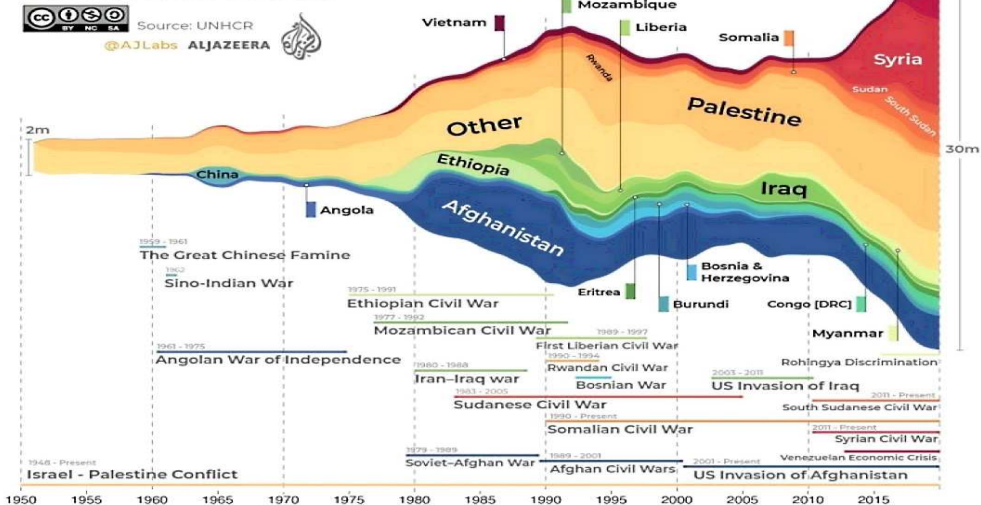
- Our best efforts to reduce CO₂ are not changing the system!

- Is it the unexpected result of what business is doing with science?



The Emergence of the World Refugee Crisis

The number of refugees worldwide has continued to grow reaching 30 million in 2020.



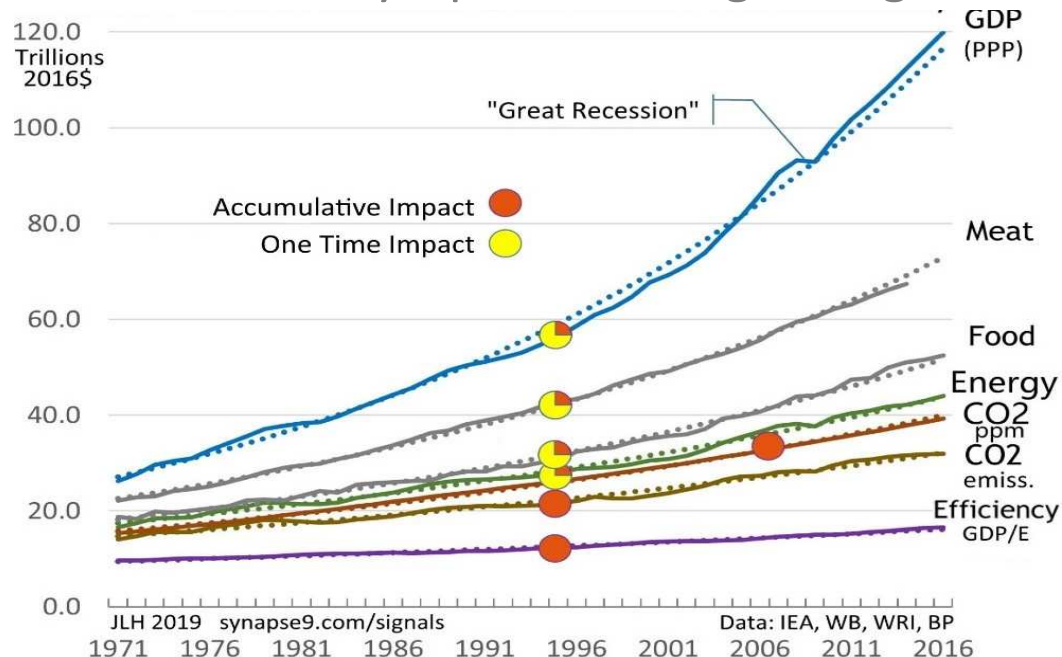
<https://synapse9.com/r3ref/100CrisesTable.pdf>

We've also been blindly growing our demands on nature and each other

Thrilled by the creativity, yes

but blind to the often-abrupt end to seeking endless growing power

World economy's parts moving all together



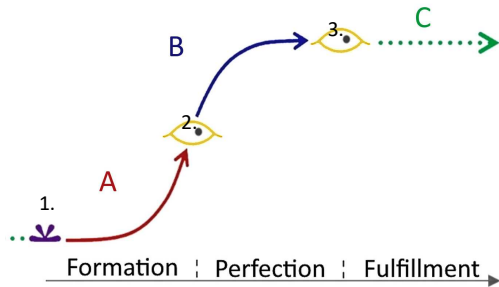
- **It looks like something IS steering?** What would do that to every part at once?
- **What else are we NOT seeing or feeling?**
 - a) Complications too much to manage
 - b) Truly destroying the earth
 - c) Threatening every home on earth, including those who manage it!
- **It seems unintended, what IS doing it?**

We learn how to Steer Big Systems from Small Ones

reading the contexts – timing and shaping each move – watching things fall together

Nature's Integral

Transforming Events (1. 2. 3.), Processes (A B C)



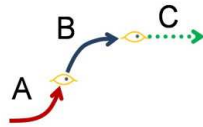
1.→A 2.→B 3.→C

- a) **Making friends** 1. **Something germinates** to start A) things begin to click. It may fade or get intense and collapse, but 2. if it's going to last there's a realization that B) the future matters and if all goes well 3. the partnership graduates and C) carries on for life.
- b) **Making dinner** 1. **An inspiration of what to make** to start A) with collecting and assembling ingredients then at 2. the plan becomes whole and B) adjusts the plans and ingredients ready to perfect the design for finishing touches then 3. serving to the crowd C) for enjoyment.
- c) **Office Projects** 1. **Often a vision of how things could work like magic** to start A) and seems promising as the pieces fall together, leading to 2. a commitment to B) making it work, making the adjustments and testing till it's ready 3. to officially release for C) operation

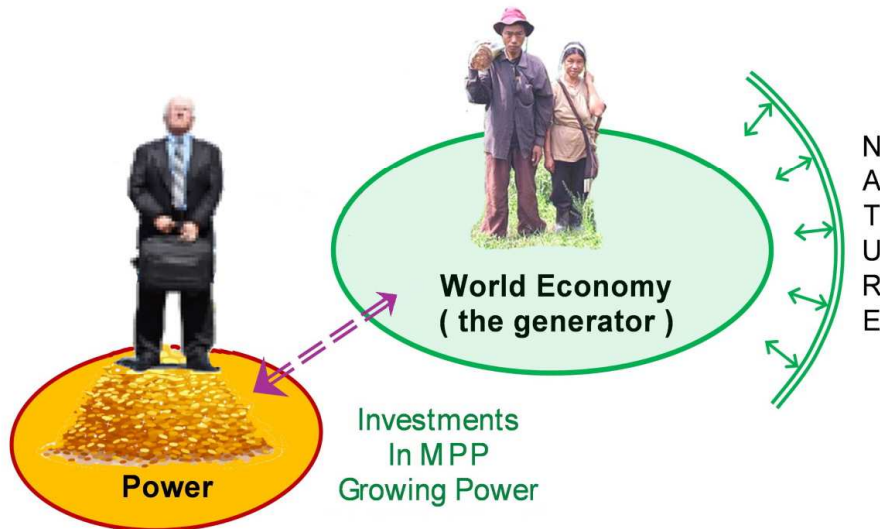
Who needs to do what steering to exit stage A growth

The trim-tab is connecting people who “feel what” and “know how”

No real life after growth



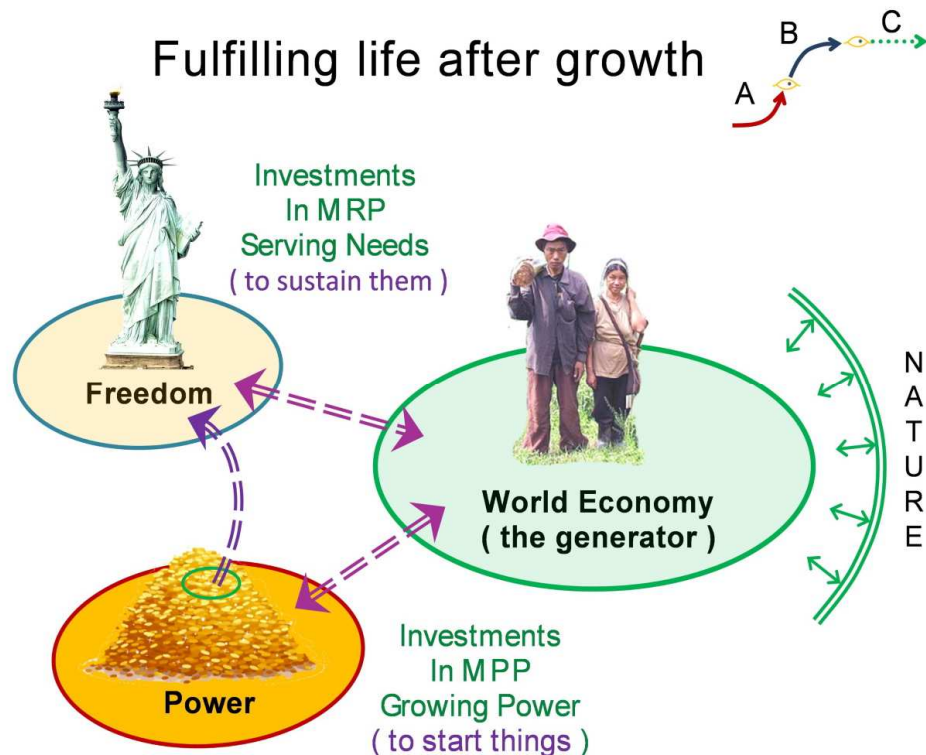
The unconnected parts



- **Social culture values feel what, but not how**
Values and efficiency don't change the system.
- **Since the Greeks, failing growth systems** relied on strong family cultures to revive
- **The successful professionals who manage the system,** don't feel the threat.
- **Many good moms and dads rely on it to secure** of their families and communities

With enough caring the combination could steer the system
steering a 'trim tab' for removing the blinders

moving economic resources from growth to caring as nature does



The Openings

- **The expert managers of the system** are among our most well educated and successful professionals, most **great moms and dads relying on profit growth** to secure their homes and families, but unaware of the escalating threat to them caused by their work!
- **Activist organizations** looking for environmental and system solutions are great communicators, who deeply care about the earth and society.
- **Neither realizes they need the other** to achieve each other's primary objectives,
- **So 'know how' and 'feel why'** could be the 'trim tab' to move the system as a whole toward safety.

How we might connect: “know how” with “feel what”

The one relies on working concepts, the other on feeling contexts



- **A fresh plan for resolving global growth** with a very solid foundation in learning from nature
- **Every day matters** as our multiple crises develop new branches, and giving new hope is critical.
- **Real care for people can open eyes**, to seeing the need to relieve the system, not just exploit it.
- **Every community has some** who are open to new ideas, so publicizing the need for them to get in touch.
- **We all have friends & family** that cross the divide every day, that you could ask about the their concerns
- **As systems thinkers with fresh insight** find a source examples of the two groups connecting to study

<https://synapse9.com/EnTrans/2022-UN-Plans-AFreshDesignForSteering.pdf>

We successfully steer growth systems all the time.

Sometimes its from the outside of systems, but mostly from insides.

We often overcome barriers and stuck points,
We often need a little extra leverage to get us through them.



- It was my brother who told me about how focused executives are today on the security of their families, unaware of putting them in ever more danger!
- It was my work as an architect that showed me the three stages of system design, and my curiosity about solar design that showed me how air currents did it.
- It was a retired professor who's important work on the history of family life who showed me how to decode the deceits of revisionist history.

And of course much, much more.

So... The root of the problem – at work do we seem blind to life?

(a new view that might check out)

Homelife works fine with relationships in uncontrolled contexts

Work-life centers on rules of control, in controlled contexts

So... The ‘trim-tab’ would be a little rudder that frees the big one

- **Mistake #1** - We seem to confuse invented “concepts” (our mental tools) for reality, simplified and reassembled
- **Causing a double-think** – seeing what we define as real, but NOT what we don’t!
- **So, our mental and physical lives** can seem not to share a common world.
- **Even before systematic farming**, people may have learned the power of rules for power and ignored what is uncontrolled
- **Even science picked it up**, representing nature with trusted laws of control.
- **Some Bronze Age societies were different** – something to study!

<https://synapse9.com/signals/betrayed-by-the-power-of-our-minds/>