

Systemic Dissipative Structure

We live in a culture that commends
that we **get** as much as we can
and **give** as little as we can.

Yet, life is characterized by flow.
This motto, about **getting** and **giving**
counters this principle
about life as flow.

In the book:

Order Out of Chaos,

Prigogine and Stengers

show that dissipative structures,
are determinate, when and only when
the difference between what flows in
and what flows out
is less than 16%.

We, as human beings, are systemic dissipative structures.
This dissipative structure is a norm for organisms and for organizations.
This pattern and this ratio
needs to supersede
the **getting** and the **giving** axiom
of corporations and of management,
now operating in our culture.

Even government needs this pattern ratio.

We need to consider
what it is that flows into us and out of us.

We not only breathe, drink and eat
we sense, we learn, information flows into us.

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Not only out breaths, urination and defecation
flow from us,
but efforts, actions, expressions and information
flow from us.

It is all a flow of pattern and of energy.
Principles of order are tied to evolution.
Principles of system gain are also characteristic of life processes.
Consciousness itself, when understood,
is part of the flow of pattern and energy.
Consciousness uses a self referencing domain
of emission and absorption
and an other-than-self
domain of emission and absorption.

Everything is made of consciousness.
There are different dimensional scales.
But everything is made of consciousness.
Physiology, the function of a living system
is a highly dynamic and flowing
living process.

Ecology is physiology
extended to the environment.

The two domains of consciousness
the self referencing
and the other-than-self referencing
converge upon an assemblage point.

The assemblage point has a comparator function.

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It poses the question:

“is there more order
within the self
or within the environment?”

If there is more order in the self
we export effort
to impart order
to our environment.

If there is more order in our environment
we learn, we harvest, we uptake the order.

Consciousness has levels or densities:

the mineral kingdom
the vegetable kingdom
the animal kingdom.

Each has a progressively increased density.

The total flow is greater.

The total pattern and dynamic
is at a higher level.

We can harvest energy
from breaking down substances
such as hydrocarbons.

We can also harvest energy
from harmonic combining
like the combinations
of hydrogen and oxygen
to form water
or from the combining of water and carbon dioxide
to form saccharides (CH₂ chains and rings).

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Balance is the criteria!

Balance your **getting** and your **giving**.

We see and we understand

disbalance is unsustainable.

We are at the end of an era.

We need balance.

The old axiom

of **getting** as much as you can

and **giving** as little as you can

has failed and is due for extinction.

The organizational and management principles

must learn balance.