



***IN VIVO* CASE STUDY: A pathway to rethinking new human forms of organizing in light of the rights of Nature**

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The invitation for the Ball

Source: Self-authored production

I, Nature, rise my voice,
Claiming rights, in a minstrel ballad tone.

In the woods, where the green dances,
The echo of the earth's sighs advances,
I claim for the winds and the revolving rivers,
To echo my cry, in their tumults.

Men, that in your progress advance,
Leave traces of an ungoverned dance,
On my skin, deep cuts,
As scars of a run-over life.

You deforest, you pollute, without looking back,
Forgetting that your life depends on the peace
That I, Nature, offer in my lap,
As you cry over the drying waters.

Listen, human, to my pained prayer,
Cease the greed, the unmeasured fury,
I invite you now to a redemption ball,
In the ball of life, in communion,
We will be one.

Remember, human, we are only one bond,
In this grand ball, my invitation is plain.
Let us intertwine our hands, in a promise,
Of respect and a new crossing,

In the dance of existence, side by side,
Let us organize,
Let us take care of this beloved planet together.



DYNAMIC - IDENTIFICATION

For this dynamic, here is a list of adjectives that must be chosen to characterize the element of Nature that you are personifying.

Anex 6 - List of adjectives for the first dynamic (Identification)

List of adjectives					
open	observant	cruel	careful	exaggerated	dry
restless	strong	strange	free	brave	fast
sad	crooked	true	selfish	intimate	imposing
pure	intelligent	confused	calm	destroyed	calm
ambitious	distracted	angry	hot	friendly	honest
shy	voracious	flexible	intuitive	anxious	rebellious
hard	slow	demanding	full	sentimental	fantastic
threatened	responsible	simple	happy	flashy	confident
cold	fair	raw	silent	apathetic	fragile
exorbitant	rare	eager	romantic	fresh	enormous

DYNAMIC - REPRESENTATION

Use the space below to draw a self portrait of your element.

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Anex 8 - Passage to be read during the fourth dynamic (Visualization)

In this session, we are going to reflect on how your element perceives reality. Follow along with the reading:

At the dawn of each new day, Nature is a silent stage for a symphony of pains, a gentle lament intertwined with the morning breeze. Rivers, once clear and free, now bear the weight of human impurities, a silent testimony to rampant exploitation. Trees, ancient guardians of life, bow under the burden of climate change, their leaves whispering tales of unbalanced seasons.

The soil, once fertile and full of life, now resonates with the scars of intensive exploitation. Roots, once deep and firm, now encounter artificial obstacles, confined in a world of concrete and asphalt. Fauna, a living tapestry of diversity, feels the squeeze of shrinking borders as natural habitats vanish before voracious human expansion.

In the fabric of the atmosphere, the air, once pure and invigorating, is now interwoven with toxic particles and greenhouse gasses. Birds, messengers of the skies, now trace uncertain paths through a hazy sky, their songs perhaps muffled by the clamor of machines and uncontrolled urbanization. Every raindrop that touches the ground carries the sadness of deforested trees and polluted oceans.

Every wind that whispers through the branches carries the sigh of unbalanced ecosystems. Nature, often relegated to the role of a supporting character in our global narrative, groans under the weight of human choices.

Yet, amidst this symphony of pains, there is a melody of hope. Every sunbeam that penetrates the dense atmosphere is an invitation to redemption, an opportunity to restore the broken balance. In the leaves that resist the wind and in the roots that persist in the search for fertile soil, there is resilient determination.

Nature suffers, yes, but it also renews itself. It is an urgent call for us to awaken to the responsibility of being stewards, not just spectators. For in every breath of nature, there is a shy prayer for a more harmonious partnership, where humanity and the environment dance together in the intricate web of life.

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MOMENT 2

Anex 9 - Passage from the book “The Falling Sky” (p. 202) to be read at the beginning of Moment 2

We now move on to a new phase of the dynamics. We want to explore empathy and the understanding that we, as human beings, are part of nature. Follow along with the reading:

“Without knowing the work of the ancient shamans, I once tried, nevertheless, to turn back to the time of rain. It happened here, in Watoriki, quite some time ago. The drought seemed endless. The heat was increasing. The sun being Mothokari had descended from the breast of the sky and had truly set its feet in the forest. Omoari, the being of dry weather, seemed to want to settle in it forever. It had dried up all the watercourses and feasted on fish and alligators. It had scorched the trees and baked the earth. The stones were catching fire. Animals and humans were thirsty. It was the time to burn the fields, as usual. But the wind carried sparks to the dry bushes, covered with a floor of dead leaves. Then, the forest around us began to burn. Later, the fire gradually spread in all directions. When the fire is so powerful, it becomes another being, very dangerous, that takes over all the trees around it to build its home. It even reached the slopes of the Wind Mountain, near our home, where the evil beings of the forest cultivate their sorcery plants. We were very worried, fearing that the flames would burn them, spreading a xawara epidemic over us. The smoke kept increasing without stopping. First, it rose high in the chest of the sky. Then, it fell on us, lower and denser each time, covering the entire forest. Our eyes were irritated, and our chests were very dry. We could no longer see anything around us, and we coughed incessantly. Breathing was very difficult. We were afraid that everything would catch fire, and we would end up suffocating to death.

We feared for our children, our home, and our fields.

Then, with my father-in-law and all the shamans of Watoriki, and some others we were alerted by radio, we drank yakoana powder and started working to attract rain. First, we made the image of Omama, to beat and crush the fire. Then, we called upon the spirits of thunder and their sons-in-law to pour the waters of the sky over the embers. We also made the image of the windstorm being dance so that it would push the smoke in the sky and expel it away from us. Thus, little by little, the fire began to diminish. Our spirits then drove away the being of dry weather, Omoari, with hostile words: 'Go back to your home! Don't try to settle here, or else the whole forest will burn, and its inhabitants will burn with it!' Then, they began to call back to the beginning of the rainy season, Toorori, to cleanse the forest.

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We worked like this for days until, finally, the rain began to fall. If we hadn't done that, all the trees would have been set on fire, even in the land of the white.”

We invite you to take off your mask, recalling who you are, how you relate to and with nature and what are your responsibilities towards it.

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MOMENT 2

Anex 10 - Database

At this moment, we want to show you the consequences of the way that we have been organizing ourselves. Please, pay attention to the following facts:

DATA: In November of 2023, a municipality in Minas Gerais state registered the highest temperature in the History of Brazil: 44,8 °C.

<https://g1.globo.com/meio-ambiente/noticia/2023/11/20/calor-de-448c-aracuai-mg-tem-o-dia-mais-quente-da-historia-do-brasil-diz-inmet.ghtml>

DATA: According to a UN Report, the sea level is rising twice as fast as the first decade of measurement (1993-2002) and it has reached new records each year.

<https://www.cnnbrasil.com.br/internacional/ritmo-de-aumento-do-nivel-do-mar-global-dobrou-aponta-relatorio-da-omm/#:~:text=O%20n%C3%ADvel%20global%20do%20mar,a%20tend%C3%Aancia%20continuar%C3%A1%20por%20mil%C3%AAnios>

DATA: The intense storms and strong winds that hit the state of São Paulo in November 2023 have caused damage and left the cities of the metropolitan area without electric power and even without piped water.

<https://g1.globo.com/sp/sao-paulo/noticia/2023/11/19/parte-da-regiao-metropolitana-de-sp-registra-falta-de-energia-apos-chuva-forte.ghtml>

DATA: Damage caused by recent intense storms and winds show that cities are not prepared to face climate change.

<https://g1.globo.com/sp/sao-paulo/sp2/video/estragos-provocados-pela-tempestade-mostram-que-cidades-nao-estao-preparadas-para-enfrentar-mudancas-climaticas-12094690.ghtml>

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DATA: In the Spring of 2023, the city of Rio de Janeiro registered an impressive thermal sensation of 59,7°C.

<https://www.cnnbrasil.com.br/nacional/sensacao-termica-no-rio-chega-a-597oc-e-bate-recorde-historico/#:~:text=A%20cidade%20do%20Rio%20de,iniciou%20as%20medi%C3%A7%C3%B5es%20em%202014.>

DATA: In 2023 more than a thousand species are at risk of extinction in Brazil.

<https://www.cnnbrasil.com.br/nacional/brasil-tem-mais-de-1-200-especies-de-animais-ameacados-de-extincao-maioria-esta-em-sp-mg-e-ba/#:~:text=BA%20%7C%20CNN%20Brasil-,Brasil%20tem%20mais%20de%201.200%20esp%C3%A9cies%20de%20animais%20amea%C3%A7ados%20de,em%20SP%2C%20MG%20e%20BA&text=Casa%20da%20maior%20biodiversidade%20do.At%C3%A2ntica%2C%20bioma%20com%20maior%20risco>

DATA: 10% of the *cearense* (state of Ceará) semi arid is under an advanced process of environmental degradation, as the result of the desertification

https://www.asabrasil.org.br/noticias?artigo_id=11353

DATA: As the consequence of the melting of the permafrost, deadly vector-borne diseases of the 18th and 19th century can return

<https://www.bbc.com/portuguese/vert-earth-39905298#:~:text=Em%20um%20estudo%20em%202011,v%C3%ADtimas%20dessas%20infec%C3%A7%C3%B5es%20foram%20enterradas.%22>

DATA: The drought of Amazon rivers caused the death of dozens of porpoises

<https://g1.globo.com/jornal-nacional/noticia/2023/11/11/seca-de-rios-da-amazonia-causa-morte-de-dezenas-de-botos.ghtml>

DATA: In the summer of 2023, in the Middle East, a temperature of 66.7°C was registered, which is considered higher than the human body can bear in normal conditions.

<https://oglobo.globo.com/mundo/noticia/2023/07/18/europa-sofre-com-incendios-florestais-e-oriente-medio-registra-indice-de-calor-que-pode-matar.ghtml>

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DATA: The planet has already lost half of its coral reefs since 1950.

<https://www.megacurioso.com.br/ciencia/127935-o-planeta-ja-perdeu-metade-dos-seus-recifes-de-coral-desde-1950.htm>

DATA: 99% of world population breath unhealthy levels of fine particles and nitrogen dioxide

<https://www.nationalgeographicbrasil.com/meio-ambiente/2023/05/oms-alerta-so-bre-poluicao-atmosferica-99-da-populacao-mundial-respira-ar-insalubre>



MOMENT 2

Individual Reflection

We invite you, then, to reflect:

At the beginning of the case, you were asked about your relationship with Nature. After all these activities, we want to ask again: What is your relationship with Nature? How do you treat it in your daily life? How do you feel about Nature? Is there any aspect of your current relationship with Nature that needs reconsideration? If yes, how?

Group discussion

Now, let 's discuss the following aspects in groups:

What would a city, company, or school that respects the rights of Nature be like? What principles underlie their organizational structure?

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