



Balkar.  
Earth



# Specialization in Social Biomimicry

February - June 2025

60 hours / English / Virtual

*Are societies natural? What can we learn by looking at and creating bonds with nature?*

Biomimicry proposes a conscious look at ecosystems and natural phenomena in order to learn from them, and apply and generate new relationships and social collective processes. The Balkar.Earth learning community presents a training designed by Resilience.Earth to remember who we are as natural beings, with special emphasis on community and teams, to learn how to apply evolutionary intelligence to our projects.

## **Course aim:**

To train the community of our territory in bio-inspired social design, from a regenerative perspective.

Observe from consciousness, the operation of the principles, strategies and patterns of natural systems and how to apply them to the challenges of the processes of individual and collective social systems.

Evolve the complexity of our communities towards bioregional resilience.

## **Structure:**

Start of course: FEBRUARY 2025 / End of course: JUNE 2025

30 hours of live virtual teaching sessions with all participants.

30 hours of personal dedication during the course.

The training contains five modules, each led by a trainer and containing three sessions of 2 hours each or two sessions of 3 hours.

## **Price and enrollment:**

COURSE PRICE: €1300 (from October 15 to December 20, 2024 you can register with discount). Enrollments are open at

<https://balkar.earth/en/formacio/specialization-in-social-biomimicry/>

Scholarships available for the Balkar.Earth community members at [info@balkar.earth](mailto:info@balkar.earth)



Module I

# The teeming transformation



with

**Tamsin Woolley-Barker**

TEEMLab

Dates: February 13, 20 and 27 2025  
from 5pm to 7pm (CET), online.

## **Content:**

We can't go at climate change or any other wicked problems with a parasitized mindset. Ants and people have proven ways of maintaining health under the constant threat of parasitism. We can heal our communities and ecosystems, by learning from these small, diverse communities that sync with natural patterns, grow together and protect the diverse possibilities within their commons. What would it take to unleash our natural capacity? How can we grow the clarity, creativity, and collaborative capacity we will need to unleash our natural potential for teeming and regenerate possibility, anywhere life has been suppressed, flows obstructed, or connections severed by mechanistic thinking?

During these sessions, we will explore:

Life Mind: Dispel mechanistic delusions in favour of a living mindset.

TEEMING Together: Restore processes that maintain human superorganisms.

Nature of Place: Become attuned to the unique and proven nature and potential of people and place.

Living Design: Restore proven ways of growing and protecting community commonwealth and unique potential of place.

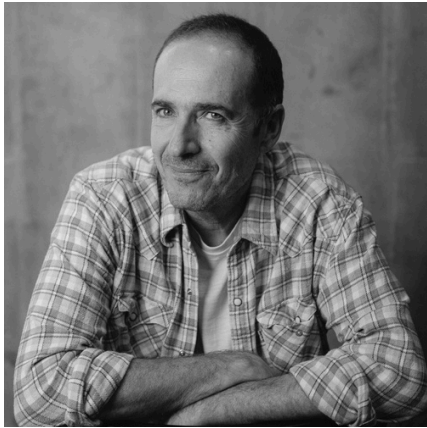
All, using unique frameworks based on deep proven patterns in evolutionary biology and biological anthropology.



Module II

# Planta Sapiens

## The New Science of Plant Intelligence



with

**Paco Calvo**

Minimal Intelligence Lab (MINT Lab)

Dates: March 13 and 20 2025

from 5pm to 8pm (CET), online.

### **Content:**

We will explore the groundbreaking field of plant intelligence developed at the Minimal Intelligence Lab (MINT Lab). We are going to immerse ourselves in the wonders of plant behaviors revealed through time-lapse photography, engage in an empirically grounded debate on plant sentience, and discuss the ethical implications of recognizing plants as intelligent beings. Additionally, we will discover how plants can inspire innovative robotic designs, moving beyond anthropocentric views to appreciate the complex world of flora.

**SESSION 1.** Sets the stage by challenging anthropocentric views. Participants will learn to appreciate the intricate world of plants, understanding their lives from a non-human perspective. This session provides the foundational knowledge and curiosity needed to explore deeper concepts of plant intelligence. We will delve into the latest research and discoveries illuminating the complex behaviors and methods of communication of plants. To do so, insights will be shared based on empirical studies, revealing how plants interact with their environment and each other in sophisticated ways.

**SESSION 2.** Participants will explore the philosophical and ethical implications of plant sentience. Participants are encouraged to consider the moral implications of plant intelligence, discussing how this new understanding impacts our ethical obligations toward the natural world. Additionally, we will explore how plants inspire innovative approaches in technology and robotics, highlighting the potential for a future where human and plant intelligence merge.



Module III

# Reconnection with Nature, a journey inward



with

**Melina Àngel**

Biomimicry Colombia,

Dates: March 27, April 3 and 10, 2025.  
from 5pm to 7pm (CET), online.

## **Content:**

SESSION 1. Internalist vision of nature.

A tour of biology will be made from the cognitive perspective of living beings, that is, how living beings are intelligent and perceptive beings. Key concepts will be presented such as: autopoiesis, quantum, systemic complexity, and the main topics that must be taken into account in order to facilitate social processes based on biomimicry from within will be raised.

SESSION 2. Social Systems.

Examples will be shared on how the vision and keys of the biological world are applied in social systems to understand and how social processes are facilitated in communities and organizations.

SESSION 3. Biomimetic bioregional regeneration.

How is there a systemic integration of social processes at different scales, and from various economic, governance, and public policy perspectives? And how can we integrate the psychological experience of each person to facilitate processes at this more individual and deeper level? Ultimately, how are biosystemic processes and principles integrated into social systems?



Module IV

# Nature's Lessons for Leadership and Social Change



with

**Toby Herzlich  
and Gina LaMotte**

Biomimicry for Social Innovation

Dates: April 24, May 8 and 15, 2025.  
from 5pm to 7pm (CET), online.

## **Content:**

**SESSION 1.** Introduction to Biomimicry for Social Change.

This session will introduce the foundational principles and frameworks of biomimicry, and how we can apply the time-tested strategies of the natural world towards our cultural transformation. Participants will learn how nature's genius can inform leadership, decision-making, and one's capacity to attune to local context, and share responsibility and power.

**SESSION 2.** Building Partnerships and Networks Inspired by Nature.

This session focuses on how natural systems provide models for building enduring partnerships, network-building, and collective action. Participants will explore strategies for fostering interconnectedness and mutual support within movements and organizations.

**SESSION 3.** Resilience Strategies and Planning for a Nature-Positive Future.

Participants will explore how nature's strategies for resilience, emergence, and adaptation can inform long-term planning for social innovation and systemic change. This session will focus on how to build adaptive, regenerative solutions that can thrive in the face of complexity and uncertainty.



Module V

# Natural Intelligence



with

**Leen Gorissen**

Centre4NI

Dates: 5, 12, 19 June, 2025.

from 5pm to 7pm (CET), online.

## Content:

SESSION 1. Introduction into the science of Living Systems.

A first introduction into complex living systems and how complexity thinking is a necessary capability for the future. The purpose is to introduce the worldview that Earth is alive and one large complex living system.

SESSION 2. From Living Systems Understanding to Living Systems Design.

Diving a little deeper into living systems and what they contribute to the larger systems they are part of. First exploration of what this means for us humans (metalevel thinking), and how we can align better to the way living systems work and what capabilities we need to develop to shift from our current degenerative role to a regenerative one (basics of regenerative development).

SESSION 3. Understanding living systems from Western and Indigenous Perspectives. Towards a new integration of different knowledge systems.

This would be an exploratory session on what both perspectives can bring to the field of social innovation? --> asked Leen to develop this last session a little more.



## **MODULES AND SESSIONS SUMMARY:**

### **Module I: The Teeming Transformation, with Tamsin Woolley-Barker.**

13, 20 and 27 February 2025 from 5 to 7pm (CET).

### **Module II: Plant Sapiens: The New Science of Plant Intelligence, with Paco Calvo.**

March 6 and 13, 2025 from 5pm to 8pm (CET).

### **Module III: Reconnection with Nature, a journey inward, with Melina Àngel.**

March 27, April 3 and 10, 2025 from 5 to 7pm (CET).

### **Module IV: Nature's Lessons for Leadership and Social Change, with Toby Herzlich and Gina LaMotte.**

April 24, May 8 and 15, 2025 from 5 to 7pm (CET).

### **Module V: Natural Intelligence, with Leen Gorissen.**

5, 12 and 19 June 2025 from from 5 to 7pm (CET).

**Closing session with Resilience.Earth team:** June 26, 2025 from 5 to 6pm (CET).

## **DESIGNED BY:**

**resilience  
earth**

## **ORGANIZED BY:**



**CONTACT: [info@balkar.earth](mailto:info@balkar.earth)**