

Humanity Rising sessions 17-18-19 May 2023

COOLING CLIMATE CHAOS – A PRACTICAL PATH OUT OF THE POLYCRISIS

A THREE DAY SERIES IN COORDINATION WITH <https://bio4climate.org/> and the EcoRestoration Alliance EcoRestorationAlliance.net

Peter Bunyard is emeritus professor at 82 years old and has worked together with James Lovelock and is an adept of the Gaia Theory. He has proven the existence of the Biotic Pump function. <https://www.researchgate.net/profile/Peter-Bunyard>

Rob de Laet is a climate activist who is developing a plan to reverse the path to collapse our biosphere and societies are on. <https://www.linkedin.com/in/robdelaet/>

Eliza Collin is an artist, designer and researcher focusing on sustainable solutions especially around water and biodiversity. <https://www.linkedin.com/in/eliza-collin/>

[Peter Bruce-Iri \(link to his climate work\)](#) from Aotearoa (New Zealand) is an educator, author, researcher and climate activist. He is the author of the book. [How Plants Cool and Heal the Climate](#) He is currently working with Te Kahu o Taonui, a tribal collective in the north of Aotearoa. <https://northlandclimatechange.org>

17 MAY: THE CLIMATE SOLUTION

The first episode of Cooling Climate Chaos is about the new climate story. Greenhouse gases heat up the planet, but there is another more important factor which is largely overlooked. It is water in its movements and changes of state (ice, liquid water, and vapour) as it interacts with biodiverse plant life and the atmosphere. This interaction has enormous stabilising and cooling effects. Once we understand the full force of plants and the water cycle, we can confront the climate crisis with a whole new set of measures. Plants, healthy soils, and healthy ecosystems stabilise weather, the climate and bring cooling. We can leverage these qualities to fight the climate crisis.

Important elements to understand are the biotic pump phenomenon and the fact that all healthy ecosystems make clouds, rain and export heat into the outer atmosphere and into space. Once we understand this, we can see that massive ecosystem restoration around the world can stabilise the climate, decrease extreme weather events and shocks to global food production and all these measures together can even keep the temperature rise under 1.5 degree centigrade and we can even bend the curve down.

18 MAY: THE STRATEGY TO GET HUMANITY TO MOVE

In order to regenerate the planet at the speed and scale needed to avert complete collapse of human societies, we will need to strategically restore nature or nature like food production in an area the size of China or the US with a large focus on the hot areas of the world as the impacts are felt fastest there both locally and have the greatest impact on the Earth's climate system.

First we will talk about a list of strategic ecosystem restoration projects and then about the tools needed to make it happen at this scale, supported by finance and technology.

The last point we will discuss here is the involvement of people everywhere, a global regeneration movement that empowers everyone to be part of the solution. It is important to understand the polycrisis as a real crisis of life at all levels, from environment to spiritual, from economic and political to devastating suffering around the world and the destruction of biodiversity. Regenerating the planet regenerates people's hearts and minds while they are working actively with their hands and other tools to shape that beautiful future that lives deep inside all of and that wants to emerge from the ashes of our era we leave behind, which brought us far but also at the edge of the abyss.

19 MAY: GET ON BOARD!

From the previous two episodes it should be clear that reducing emissions is still important, but is only one of several options to heal the climate. This episode presents nine ways to heal the climate and then focuses on regenerating the food system using the example of opportunities for a large-scale transition regenerative agriculture in Aotearoa (New Zealand).

Then, following a short summary of what we discussed in the previous two days we hope to get an interactive session on how people in the audience see how we can create that new society embedded in the vibrant nature of a regenerated planet, and above all, how can we make these urgent changes at the scale, speed and granularity needed to pull this off and keep the planet habitable for humanity and the amazing species we are blessed with as members of the great family of Earthly life.

Co-convener:

Jim Garrison, President, Ubiquity University