Janusz Wrobel

"In an act of seeing."

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What shapes my way of seeing.

The decade of studying chemistry ages ago still shapes my present views. I interpret processes of the physical world at their molecular scale. They are strictly governed by the laws of thermodynamics, which are also foundational to modern civilisation, facilitating all forms of energy use and its generation. The observations I collected sparked my growing concern about the progressing disregard of them in modern human societies, which could pivot uncontrollable human civilization's downfall.

The concept of entropy quantifies molecular disorder. It spans the absolute stillness and the "heat death. What permits the existence of biological life is accessible today in databases of human knowledge and easily confirmed by empirical evidence. It took billions of years through biological evolution in the hostile physical world, and millions of once-living species, to allow me to be here and make this statement. Why ignore all of it then?

Life endures within narrow temperature ranges suitable for each ecosystem's species. The plant life grows, converting sunlight energy into chemical bonds, a more orderly form of matter, reducing locally entropy. As the temperature range shifts, species must evolve or migrate, and the outcome depends on soil, space, and water availability. With their scarcity and cascading effect of the climatic shifts, conditions are changing faster than most species' abilities to adapt.

I use the documentary qualities of my medium to highlight issues essential to human sustainability.

Farther Extended Summary

All Projects