

Ernest Callenbach summarized many of the ideals we think are appropriate for current communities.
[This document was found on the computer of *Ecotopia* author Ernest Callenbach (1929-2012) after his death.]

To all brothers and sisters who hold the dream in their hearts of a future world in which humans and all other beings live in harmony and mutual support -- a world of sustainability, stability, and confidence. A world something like the one I described, so long ago, in Ecotopia and Ecotopia Emerging.

As I survey my life, which is coming near its end, I want to set down a few thoughts that might be useful to those coming after. It will soon be time for me to give back to Gaia the nutrients that I have used during a long, busy, and happy life. I am not bitter or resentful at the approaching end; I have been one of the extraordinarily lucky ones. So it behooves me here to gather together some thoughts and attitudes that may prove useful in the dark times we are facing: a century or more of exceedingly difficult times.

How will those who survive manage it? What can we teach our friends, our children, our communities? Although we may not be capable of changing history, how can we equip ourselves to survive it?

I contemplate these questions in the full consciousness of my own mortality. Being offered an actual number of likely months to live, even though the estimate is uncertain, mightily focuses the mind. On personal things, of course, on loved ones and even loved things, but also on the Big Picture.

But let us begin with last things first, for a change. The analysis will come later, for those who wish it.

Hope. Children exude hope, even under the most terrible conditions, and that must inspire us as our conditions get worse. Hopeful patients recover better. Hopeful test candidates score better. Hopeful builders construct better buildings. Hopeful parents produce secure and resilient children. In groups, an atmosphere of hope is essential to shared successful effort: "Yes, we can!" is not an empty slogan, but a mantra for people who intend to do something together -- whether it is rescuing victims of hurricanes, rebuilding flood-damaged buildings on higher ground, helping wounded people through first aid, or inventing new social structures (perhaps one in which only people are "persons," not corporations). We cannot know what threats we will face. But ingenuity against adversity is one of our species' built-in resources. We cope, and faith in our coping capacity is perhaps our biggest resource of all.

Mutual support. The people who do best at basic survival tasks (we know this experimentally, as well as intuitively) are cooperative, good at teamwork, often altruistic, mindful of the common good. In drastic emergencies like hurricanes or earthquakes, people surprise us by their sacrifices -- of food, of shelter, even sometimes of life itself. Those who survive social or economic collapse, or wars, or pandemics, or starvation, will be those who manage scarce resources fairly; hoarders and dominators win only in the short run, and end up dead, exiled, or friendless. So, in every way we can we need to help each other, and our children, learn to be cooperative rather than competitive; to be helpful rather than hurtful; to look out for the communities of which we are a part, and on which we ultimately depend.

Practical skills. With the movement into cities of the U.S. population, and much of the rest of the world's people, we have had a massive de-skilling in how to do practical tasks. When I was a boy in the country, all of us knew how to build a tree house, or construct a small hut, or raise chickens, or grow beans, or screw pipes together to deliver water. It was a sexist world, of course, so when some of my chums in eighth grade said we wanted to learn girls' "home ec" skills like making bread or boiling eggs, the teachers were shocked, but we got to do it. There was widespread competence in fixing things -- impossible with most modern contrivances, of course, but still reasonable for the basic tools of survival: pots and pans, bicycles, quilts, tents, storage boxes.

We all need to learn, or relearn, how we would keep the rudiments of life going if there were no paid specialists around, or means to pay them. Every child should learn elementary carpentry, from layout and sawing to driving nails. Everybody should know how to chop wood safely, and build a fire. Everybody should know what to do if dangers appear from fire, flood, electric wires down, and the like. Taking care of each other is one practical step at a time,

most of them requiring help from at least one other person; survival is a team sport.

Organize. Much of the American ideology, our shared and usually unspoken assumptions, is hyper-individualistic. We like to imagine that heroes are solitary, have super powers, and glory in violence, and that if our work lives and business lives seem tamer, underneath they are still struggles red in blood and claw. We have sought solitude on the prairies, as cowboys on the range, in our dependence on media (rather than real people), and even in our cars, armored cabins of solitude. We have an uneasy and doubting attitude about government, as if we all reserve the right to be outlaws. But of course human society, like ecological webs, is a complex dance of mutual support and restraint, and if we are lucky it operates by laws openly arrived at and approved by the populace.

If the teetering structure of corporate domination, with its monetary control of Congress and our other institutions, should collapse of its own greed, and the government be unable to rescue it, we will have to reorganize a government that suits the people. We will have to know how to organize groups, how to compromise with other groups, how to argue in public for our positions. It turns out that "brainstorming," a totally noncritical process in which people just throw out ideas wildly, doesn't produce workable ideas. In particular, it doesn't work as well as groups in which ideas are proposed, critiqued, improved, debated. But like any group process, this must be protected from domination by powerful people and also over-talkative people. When the group recognizes its group power, it can limit these distortions. Thinking together is enormously creative; it has huge survival value.

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Learn to live with contradictions. These are dark times, these are bright times. We are implacably making the planet less habitable. Every time a new oil field is discovered, the press cheers: "Hooray, there is more fuel for the self-destroying machines!" We are turning more land into deserts and parking lots. We are wiping out innumerable species that are not only wondrous and beautiful, but might be useful to us. We are multiplying to the point where our needs and our wastes outweigh the capacities of the biosphere to produce and absorb them. And yet, despite the bloody headlines and the rocketing military budgets, we are also, unbelievably, killing fewer of each other proportionately than in earlier centuries. We have mobilized enormous global intelligence and mutual curiosity, through the Internet and outside it. We have even evolved, spottily, a global understanding that democracy is better than tyranny, that love and tolerance are better than hate, that hope is better than rage and despair, that we are prone, especially in catastrophes, to be astonishingly helpful and cooperative.

We may even have begun to share an understanding that while the dark times may continue for generations, in time new growth and regeneration will begin. In the biological process called "succession," a desolate, disturbed area is gradually, by a predictable sequence of returning plants, restored to ecological continuity and durability. When old institutions and habits break down or consume themselves, new experimental shoots begin to appear, and people explore and test and share new and better ways to survive together.