# Reading Towards Sustainability

The Blind Men and the Elephant Reading List

The authors in this list show you that we understand much about our existence and can control our destiny if we so choose. These varied books interestingly overlap and share a number of similar observations. Like interpretations from different blind men, the more you read, the better picture of the elephant you get. And the more of us blind people that get involved and contribute to the greater good, the better off we will be. I invite you to read more, enrich your life, and in your own way, help make this a better world.



The Parable

The Buddha answered, "Once upon a time there was a certain raja who called to his servant and said, 'Come, good fellow, go and gather together in one place all the men of Savatthi who were born blind... and show them an elephant.' 'Very good, sire,' replied the servant, and he did as he was told. He said to the blind men assembled there, 'Here is an elephant,' and to one man he presented the head of the elephant, to another its ears, to another a tusk, to another the trunk, the foot, back, tail, and tuft of the tail, saying to each one that that was the elephant.



The Parable

"When the blind men had felt the elephant, the raja went to each of them and said to each, 'Well, blind man, have you seen the elephant? Tell me, what sort of thing is an elephant?'

"Thereupon the men who were presented with the head answered, 'Sire, an elephant is like a pot.' And the men who had observed the ear replied, 'An elephant is like a winnowing basket.' Those who had been presented with a tusk said it was a ploughshare. Those who knew only the trunk said it was a plough; others said the body was a grainery; the foot, a pillar; the back, a mortar; the tail, a pestle, the tuft of the tail, a brush.



"Then they began to quarrel, shouting, 'Yes it is!' 'No, it is not!' 'An elephant is not that!' 'Yes, it's like that!' and so on, till they came to blows over the matter.

Brethren, the raja was delighted with the scene.

"Just so are these preachers and scholars holding various views blind and unseeing.... In their ignorance they are by nature quarrelsome, wrangling, and disputatious, each maintaining reality is thus and thus."

Then the Exalted One rendered this meaning by uttering this verse of uplift

O how they cling and wrangle, some who claim

For preacher and monk the honored name!

For, quarreling, each to his view they cling.

Such folk see only one side of a thing.







## Your Body



#### Your Universe



Cheryl Holdren Richard Schneide Christine Shirley







Paul Hawken AUTHOR OF GROWING A BUSINESS AND THE NEXT ECONOMY "A daring, urgent vision of a kind of 21st century Canaan that Hawken yet believ-we can reach," -- San Francisco Chronicle



Your Environment









Sarah Susanka author of the best-selling Greating the Not So Big Boose

#### Your Environment







## Your Environment



#### Everyone Else



#### Everyone Else



ABCs OF FOOD ADDITIVES + NON-TOXIC CLEANING









WITH ANNIE LEONARD







2008



## Media



Media





FREE streaming video from National Geographic website

## Media

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Ye
Ye
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David Quinn

Yourself Your Body Your Universe You and the Environment You and Everyone Else Manifest Your Destiny The Seven Spritual Law

Deepak Chopra	The Seven Spritual Laws of Success
Brian Weiss	Many Lives, Many Masters
Robert Sardello	Freeing the Soul from Fear
Wiley & Formley	Lights Out
Barry Sears	The Age Free Zone
Stephen Hawking	The Universe in a Nutshell
Edward O. Wilson	The Future of Life
Paul Hawken	The Ecology of Commerce
Hawken & Lovins	Natural Capitalism
Weinberg, Pellow,	Urban Recycling& the Search for
& Schnaiberg	Sustainable Community Development
James Kunstler	Home from Nowhere
Lester Brown	The Earth Policy Reader
Malcolm Beck	The Gardenville Method
John Gray Malcolm Gladwell Robert Prechter Lipsky & Abrams	Mars & Venus on a Date The Tipping Point Socionomics: The Wave Principle of Human Social Behavior Late Bloomers

My Ishmael

If you agree that our way of life is putting us and our planet further in stress, then you know that we can change our ways or suffer the consequences. These authors will show you that we can understand more about our existence and control our destiny if we so choose. These books vary in subject matter, but interestingly overlap and share a number of similar observations. Like views from different blind men, the more you read, the better picture of the elephant you get. I invite you to read, learn, feel better, enjoy your life more, and in your own way, help make this a better world.

#### The Blind Men and the Elephant Reading List

#### The Blind Men and the Elephant Reading List

compiled by Steve Stelzer

These books had a big impact on me. Let me know what you think about them. If you read a book that changed your outlook on life, let me know. You can email me at stelman@ev1.net. Thanks.

# First Card, 2003, 19 books

your own way, help make this a better world.

better off we will be. I invite you to read more, enrich your life, and in blind people that get involved and contribute to the greater good, the you read, the better picture of the elephant you get. And the more of us observations. Like interpretations from different blind men, the more books interestingly overlap and share a number of similar existence and can control our destiny it we so choose. These varied The authors in this list show you that we understand much about our

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Juendal	orth brie nolV	The Blind

The Blind Men and the Elephant Reading List

These books just keep getting better. As of this 43rd edition, my top ten are "The Fourth Turning", "That Used to Be Us", Why Can't We Be Good?", "Cradle to Cradle", "Over", "The Impending World Energy Mess", "The Crash Course", "Power vs. Force", "The Political Mind", and "The Long Emergency". In the context of Dickens' "A Christmas **Carol**" we have a chance to change our lives and change the world. If you would like to share a book that changed your outlook on life, please let me know. You can email me at steve.stelzer@sbcglobal.net.

RIDALV

Why We Fight The Crash Course Who Killed the Electric Car?

The Story of Stuff

The End of Suburbia

E-The Environmental Magazine

Food Inc.

compiled by Steve Stelzer

Straus & Howe Generations, The Fourth Turning The Biology of Belief Jacob Needleman Why Can't We Be Good? Isabel De Los Rios The Diet Solution Your Body Andrew Weil Healthy Aging Stephen Hawking The Universe in a Nutshell James Lovelock The Ages of Gaia Malcolm Beck The Secret Life of Compost Jared Diamond Guns, Germs, & Steel; Collapse Brian Dougherty Green Graphic Design, Harte, Holdren, et al Toxics A to Z Hawken & Lovins Your Environment Natural Capitalism Paul Hawken Blessed Unrest, Ecology of Commerce JH Kunstler Home fm Nowhere; Long Emergency; World Made By Hand Alex MacLean Over, Visualizing Density, Designs on the Land McDonough, Braungart Cradle to Cradle Elizabeth Rovte Garbage Land On the Secret Trail of Trash Dr. Seuss The Lorax The Not So Big House, The Not So Big Life Sarah Susanka Joel Bakan The Corporation Benjamin Barber Consumed: How Markets Corrupt Children, etc Stan Cox Losing Our Cool Friedman (Mandelbaum) Hot, Flat, & Crowded; (That Used to Be Us) The Tipping Point; Blink; Outliers Malcolm Gladwell Al Gore The Assault on Reason, Our Choice The Impending World Energy Mess Hirsch, Bezdek, Wendling Don't Think of an Elephant!; The Political Mind George Lakoff Soul of a Citizen Paul Loeb Evervone Else The Crash Course Chris Martenson Worldchanging: User's Guide for the 21st Century Alex Steffen, Editor The World Without Us Alan Weisman

You

Navigating the Coming Chaos Mars & Venus on a Date

Power vs. Force

Carolyn Baker

David Hawkins

# 43rd Edition, Last Week, 47 books, 10 media items

TED Talks Kunstlereast.com podcasts

The Corporation

The Human Footprint



## Still on the list from the beginning..



1997

## Still on the list from the beginning..

The Blind Men & the Elephant Reading List For the first two billion years or so, the rate of increase in complexity [of DNA] must have been of the order of one bit of information every hundred years. The rate of increase of DNA complexity gradually rose to about one bit a year over the last few million years. But then, about six or eight thousand years ago, a major new development occurred. 2001

#### Still On the List

We developed written language.

This meant that information could be passed from one generation to the next without having to wait for the very slow process of random mutations and natural selection to code it into the DNA sequence. 2001

## Still On the List

The amount of complexity increased enormously. A single paperback romance could hold as much information as the difference in DNA between apes and humans, and a 30 volume encyclopedia could describe the entire sequence of human DNA.

### Still On the List

STEPHEN HAWKING

Even more important, the information in books can be updated rapidly. The current rate at which human DNA is being updated by biological evolution is about one bit a year. But there are two hundred thousand new books published each year, a new-information rate of over a million bits a second.

#### Still On the List



Of course, most of this information is garbage, but even if only one bit in a million is useful, that is still a hundred thousand times faster than biological evolution.

#### Still On the List



This transmission of data through external, nonbiological means has led the human race to dominate the world and to have

an exponentially increasing population.





2001

....children growing up in homes with many books get 3 years more schooling than children from bookless homes, independent of their parents' education, occupation, and class. This is as great an advantage as having university-educated rather than unschooled parents, and twice the advantage of having a professional rather than an THOMAS L. FRIEDMAN unskilled father. MICHAEL MANDELBAUM

Speaking of Reading

2011

TO BE US OW AMERICA FELL BEHIND N THE WORLD IT INVENTED ND HOW WE CAN COME BACK

It holds equally in rich nations and poor; in the past and in the present; under Communism, capitalism, and Apartheid; and most strongly in China.

The study went on to say that Chinese children who had five hundred or more books at home got 6.6 years more schooling than Chinese children without books. THOMAS L. FRIEDMAN As few as 20 books in a home made an MICHAEL MANDELBAUM appreciable difference. Speaking of Reading ΓO BE US 2011 AMERICA FELL REHIND THE WORLD IT INVENTED HOW WE CAN COME BACK

**Reading, writing and revelation: How the written** word helps refresh body, mind and soul. Ursula Sautter | October 2010 issue, ODE Magazine Now, science is starting to prove ody, mind and so what readers and writers have long known: Words can help us repair and revitalize our bodies as well as our minds. As a result, bibliotherapy (reading specific texts in response to particular situations or conditions) is becoming more and more popular among psychologists, physicians, librarians and teachers.

#### Buy the Book Read the Book Adobe Systems. **Beyond the Book** Preface Cheers & Jeers The Authors Media Resources Consulting More Info... Search

#### NATURAL CAPITALISM

#### RFAD | THF | BOOK

#### Book Excerpts and Downloadable Chapters

The following table of contents provides links to excerpts of each chapter of Natural Capitalism. You can also download the entire chapters as PDF (Portable Document Format) files. To read and print a PDF file you must have Adobe Acrobat Reader installed on your computer -- it's available for free from

Natural Capitalism as an idea and thesis for a book emerged in 1994, the year after the publication of The Ecology of Commerce. More Info ...

#### Acknowledgments

We have benefited from the work of many who have preceded us, as well as those we consider our colleagues in this work. More Info ...

#### 1. The Next Industrial Revolution

An introduction to the principles and underlying theory of natural capitalism.

#### 2. Reinventing the Wheels: Hypercars and Neighborhoods

How natural capitalism principles are transforming one of the world's largest industries, automobiles. More Info ...

2 Monto Not

# Still On the List

#### 1999



The public realm in America became so atrocious in the postwar decades that the Disney Corporation was able to create an artificial substitute for it and successfully sell it as a commodity....The design quality of everything at EuroDisney is about five notches *beneath* that of the most mediocre French street corner.....The design quality of Disney World in Orlando, on the other hand, is about 1.5 notches *better* than the average American suburban shopping mall or housing subdivision – so Americans love it.

Historically Americans have a low regard for the public realm, and this is very unfortunate because the public realm is the physical manifestation of the common good. When you degrade the public realm, as we have, you degrade the common good.

## Still On the List





2008



## Scene from Above

Civic life is what goes on in the public realm. Civic life refers to our relations with our fellow human beings – in short, our roles as citizens. Sometime in the past forty years we ceased to speak of ourselves as citizens and labeled ourselves consumers.....Consumers, unlike citizens, have no implicit responsibilities, obligations, or duties to anything larger than their own needs and desires, certainly not to anything like the common good. How can this be construed as anything but an infantile state of existence?.....And is it any wonder that we cannot solve any of our social problems, which are problems of the public realm and the common good?





1996

There are five forms of market domination that constitute the substance of my argument that consumer culture has a totalizing although not totalitarian impact on our lives. I will argue that the consumer market is

•*ubiquitous* (it is everywhere);

reinforcement);

•*omnipresent* (it is all the time and aspires to fill up all time);

2007



•*self-replicating* (it spreads virally);

•*addictive* (it creates its own forms of

•And it is *omnilegitimate* (it engages in active selfrationalization and self-justification, eroding the moral bases for resisting it)

## The Elephant in the Room
The Blind Men & the Elephant Reading List The ideology of corporate life has taken over our culture and political system. We may spend an hour in church or temple every week, but spend forty, fifty, or sixty hours at the workplace in a job that demands and receives the greatest devotion we bestow on anyone or anything outside of (and sometimes including) our families. Work or some form of collective labor has always been a defining element of society,

but never before has the output of work become the dominant organizing principle of the world's peoples.

## Still On the List



It is significant that the word *communicate* shares the same root with the word *community*, which is the Latin *communicare*, "to put in common," for we are suffering a crisis of community in this country and it expresses itself physically in the poor connections between the furnishings of our everyday world, especially in our disregard for the public realm.... When buildings fail to define public space at a scale congenial to humans – as along any commercial highway strip – people cannot be there in safety and comfort. They will not walk there. They will not communicate there..... Such places are therefore profoundly uncivil. They impoverish and diminish us socially and the *community* pays an Home from enormous price for this incivility in terms of social Nowhere dysfunction, ruined institutions, and misbehavior. Civilization becomes impossible under these conditions.

The Blind Men & the Elephant Reading List Great works of art, music, and architecture that have come down to us through out the centuries are enduring representations of the effect of high attractor patterns.....But of all the arts, architecture is the most tangible and influential in the lives of men everywhere. We live, shop, go to work, and seek our entertainment in buildings; thus, the form of the structure itself deserves the utmost attention, because its influence is a background to so much human activity..... POWER

Top Ten List

David R. Hawkins, M.D., Ph.D.

The Hidden Determinants

f Human Behavio

An architecturally ugly neighborhood becomes part of a feedback loop of blight and violence; the sleasy, dehumanized housing projects of urban ghettos manifest their weak power patterns in squalor and crime.

# Top Ten List







## Top Ten List

If there are three times as many cars in twenty years as there are today on the planet, of course, it won't matter very much if they are highly efficient ultralight cars made from advanced carbon fibers and get a hundred miles to a gallon, or are even nutrivehicles. The planet will be crawling with cars, and we will need other options. A more far-ranging assignment? "Design transportation."

Sound fanciful? Of course, but remember, the car itself was a fanciful notion in a world of

horse and carriage.



crad



## Top Ten List





## Still on the list from the beginning..

The Tipping Point is the moment of critical mass, the threshold, the boiling point. There was a Tipping Point for violent crime in New York in the early 1990's, and a Tipping Point for the reemergence of Hush Puppies, just as there is a Tipping Point for the introduction of any new technology.

First of all, they are clear examples of contagious behavior..... The second distinguishing characteristic of these two examples is that in both cases little changes had big effects... Finally, both changes happened in a hurry.

#### Still On the List

The DESCRIPTION OF THE SECOND OF THE SECOND



The Law of the Few says that there are exceptional people out there who are capable of starting epidemics. All you have to do is find them. The lesson of stickiness is the same. There is a simple way to package information that, under the right circumstances, can make it irresistible. The All you have to do is find it.

#### Still On the List

The TTTA AND TIPPING POINT How Little Things Can Make a Bis Difference MALCOLM GLADWELL

n a different may." - FORTUNE

The Blind Men & the Elephant Reading List Criminals do not, in other words, sound like the kind of people who could be swept up by the infectious winds of an epidemic. Yet somehow, in NYC, this is exactly what occurred. In the years between the beginning and the middle of the 1990's, NYC did not get a population transplant. Nobody went out into the streets and successfully taught every NATIONAL BESTSELLER The would-be delinquent the distinction TIPPING POINT How Little Things Can between right and wrong. Make a Big Difference MALCOLM Still On the List GLADWELL

There were just as many psychologically damaged people living in the city at the peak of the crime wave as in the trough. But for some reason tens of thousands of those people suddenly stopped committing crimes.

## Still On the List



Corporations are portrayed in the media as models of efficiency producing a stream of goods and services. But evidence suggests that the behavior of many individuals in the modern corporation is remarkably similar to that of addicts.....

Anything we do that prevents us from knowing ourselves or fully experiencing the world around us can be called an addiction. Work, television, food, money, sex, sports, and other activities are all addictive when we rely on them to avoid feeling. For every addict there is a fix, an experience that we repeat over and again, giving us the illusion that we are alive while in fact numbing us to self and the world around us. The Ecology of



## Still On the List

PERSONALITY DIAGNOSTIC CHECKLIST WORLD HEALTH ORGANIZATION ICD-10 MANUAL OF MENTAL DISORDERS DSM-N



Callous unconcern for the feelings of others



Incapacity to maintain enduring relationships



Reckless disregard for the safety of others



Deceitfulness: repeated lying and conning others for profit



Incapacity to experience guilt



Failure to conform to social norms with respect to lawful behaviours

## **Best Checklist**





Cornora

Alcoholics Anonymous respects freedom, in that it leaves choice up to the individual. Its identifiable power patterns are those of honesty, responsibility, humility, service, and the practice of tolerance, goodwill, and brotherhood. AA doesn't subscribe to any particular ethic, has no code of right and wrong, or good and bad, and avoids moral judgments. AA doesn't try to control anyone, including its own members. What it does instead is chart a path... AA is the original example of the power of these principles to cure hopeless disease and change destructive personality patterns of members. From this paradigm came all subsequent forms of group *therapy*, through the discovery that groups of people coming together on a formal basis to address their mutual problems have enormous power..... POW



David R. Hawkins, M.D., Ph.D.

This book proposes three approaches, all guided by the example of nature. The first is to entirely eliminate waste from our industrial production.....Instead of organizing systems that efficiently dispose of or recycle our waste, we need to design systems of production that have little or no waste to begin with.

The second principle is to change from an economy based on carbon fuels from the past....to one based on current sunshine, including photovoltaics, solar thermal, wind, and waves. This is primarily achieved by reversing the historical incentives surrounding the production and consumption of energy, away from the cheapest combustion toward the most enduring production.....



#### Still On the List

Of all the landfills studied by the Garbage Project, Fresh Kills enjoyed the fastest rate of decomposition. Anthropology students digging in drier landfills have discovered forty-year-old hot dogs that look just like the ones currently sold in the Times Square subway station. Seventy-year-old newspapers can still be read. Cling Wrap still clings. Most landfills are more like mummifiers than composters, it turns out. Achieving a rich, moist brown GARBAGE humus in a sanitary landfill is nothing but a romantic fantasy.....

Speaking of Waste

Aerobic biodegradation works best when organic material is chipped up, kept moist and warm, and exposed to oxygen with regular turning. ... fair game for digestion by bacteria, fungi, and insects, which use their enzymes to break the large organic compounds into fatty acids, water, and carbon dioxide. ....





Third, we must create systems of accountability and response that support and strengthen restorative behavior, whether they are in resource utilities, green fees on polluting chemicals, or reliance on local production and distribution. Conversely, we have to look at how our present economic system consistently regards short-term exploitation while penalizing long-term restoration, and then eliminate the ill-placed incentives that allow small sectors of the population to benefit at the expense of the whole.....

All three recommendations have a single purpose: to substantially reduce the impact that each of us has upon our environment......We need to imagine a life where having less is more satisfying, more interesting, and more secure.

## Still On the List



Paul Hawken

**TOXICS A to Z** 

John Harte Cheryl Holdren Richard Schneid Christine Shirley



1991

Vinyl chloride is widely distributed throughout the industrialized world. The highest outdoor concentrations are usually found near vinyl chloride manufacturing plants and near industrial sites that work with polyvinyl chloride plastics. Residents in the Houston, Texas, area are the most likely group to be exposed as a result of industrial activity because 40% of US production capacity is located in that area.

## Finding your home in a book

The role of government is to assume those functions that cannot be undertaken by citizens or private institutions. The true purpose of politics is to create and sustain the conditions for community life. Politics was not intended to be the province of money but the arena wherein individuals could collectively discuss and manage those elements of life that affected the whole of their town, city, or state.

## Still On the List

The Ecology of Commerce



Paul Hawken





The Elephant in the Room Reading List

Referencing Dickens: August 2009

Men and the Elephant Reading List

compiled by Steve Stelzer

Charles Dickens Charles Dickens Charles Dickens Charles Dickens Carol Reason Survey Re



History Repeating Itself: William Strauss & Neil Howe

# The Ghost of Christmas Past

Valerie Black







... at the core of modern history lies this remarkable pattern: Over the past five centuries, Anglo-American society has entered a new era – a new turning – every two decades or so. At the start of each turning, people change how they feel about themselves, the culture, the nation, and the future.

Ghost of Christmas Past



Turnings come in cycles of four. Each cycle spans the length of a long human life, roughly eighty to one hundred years, a unit of time the ancients called the saeculum. Together, the four turnings of the saeculum comprise history's seasonal rhythm of growth, maturation, entropy, and destruction:

# Top Ten List



The First Turning is a High, an upbeat era of strengthening institutions and weakening individualism, when a new civic order implants and the old values regime decays.

## Ghost of Christmas Past

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The Second Turning is an Awakening, a passionate era of spiritual upheaval, when the civic order comes under attack from a new values regime.

## Top Ten List

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The Third Turning is an Unraveling, a downcast era of strengthening individualism and weakening institutions, when the old civic order decays and the new values regime implants.

## Ghost of Christmas Past

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The Fourth Turning is a Crisis, a decisive era of secular upheaval, when the values regime propels the replacement of the old civic order with new.

## Top Ten List

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These 4 architypes are best identified by the turning of their births. A Prophet generation is born during a high (boomers), a Nomad generation is born during an awakening, a Hero generation is born during an unraveling, an Artist generation is born during a crisis. Each architype is an expression of one of the enduring temperaments and lifecycle myths of mankind

Ghost of Christmas Past



# The Blind Men & the Elephant Reading ListNomad: WashingtonHero: JeffersonArtist:RooseveltProphet: Lincoln



# Top Ten List



"A provocative, erudite, and engaging analysis of the rhythms of American life"

THE HISTORY OF AMERICA'S

FUTURE 1584 to

2069 William Strauss & Neil Howe

Again

	FIRST TURNING (High)	SECOND TURNING (Awakening)	<u>THIRD</u> <u>TURNING</u> (Unraveling)	FOURTH TURNING (Crisis)
GENERATION ENTERING:				
Elderhood	Nomad	Hero	Artist	Prophet
Midlife	Hero	Artist	Prophet	Nomad
Young Adulthood	Artist	Prophet	Nomad	Hero
Childhood	Prophet	Nomad	Hero	Artist

REVOLUTIONARY SAECULUM				
A	ugustan Age of <u>Empire</u>	Great Awakening	French & Indian Wars	American Revolution
	(1704-1727)	(1727-1746)	(1746-1773)	(1773-1794)

"A provocative, erudite, and engaging analysis of the rhythms of American life"

THE HISTORY OF AMERICA'S FUTURE, 1584 to 2069 William Strauss & Neil Howe

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	FIRST TURNING (High)	SECOND TURNING (Awakening)	<u>THIRD</u> <u>TURNING</u> (Unraveling)	FOURTH TURNING (Crisis)
GENERATION ENTERING:				
Elderhood	Nomad	Hero	Artist	Prophet
Midlife	Hero	Artist	Prophet	Nomad
Young Adulthood	Artist .	Prophet	Nomad	Hero
Childhood	Prophet	Nomad	Hero	Artist

CIVIL WAR SAECULUM					
	Era of Good Feelings	Transcendental Awakening	<u>Mexican War &amp;</u> <u>Sectionalism</u>	Civil War	
	(1794-1822)	(1822-1844)	(1844-1860)	(1860-1865)	
"A provocative, erudite, and engaging analysis of the rhythms of American life

THE HISTORY OF AMERICA'S

FUTURE 1584 to 2069 William Strauss & Neil Howe

	<u>FIRST</u> <u>TURNING</u> (High)	<u>SECOND</u> <u>TURNING</u> (Awakening)	<u>THIRD</u> <u>TURNING</u> (Unraveling)	FOURTH TURNING (Crisis)
GENERATION ENTERING:				
Elderhood	Nomad	Hero	Artist	Prophet
Midlife	Hero	Artist	Prophet	Nomad
Young Adulthood	Artist	Prophet	Nomad	Hero
Childhood	Prophet	Nomad	Hero	Artist

Reconstruction & Gilded Age	Third Great Awakening	World War I & Prohibition	<u>Great</u> Depression& World War II
(1865-1886)	(1886-1908)	(1908-1929)	(1929-1946)

"A provocative, erudite, and engaging analysis of the rhythms of American life"

THE HISTORY OF AMERICA'S FUTURE, 1584 to 2069 William Strauss & Neil Howe

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	<u>FIRST</u> <u>TURNING</u> (High)	SECOND TURNING (Awakening)	<u>THIRD</u> <u>TURNING</u> (Unraveling)	FOURTH TURNING (Crisis)
GENERATION ENTERING:				
Elderhood	Nomad	Hero	Artist	Prophet
Midlife	Hero	Artist	Prophet	Nomad
Young Adulthood	Artist	Prophet	Nomad	Hero
Childhood	Prophet	Nomad	Hero	Artist

MILLENNIAL SAECULUM				
	American High	Consciousness Revolution	Culture Wars	Millennial Crisis?
	(1946-1964)	(1964-1984)	(1984-2005?)	(2005?-2026?)

while Easter ended up with no tree species standing and with about 90% of its former population gone.....

.....Easter's isolation makes it the clearest example of a society that destroyed itself by overexploiting its own resources.

.....The parallels between Easter Island and the whole modern world are chillingly obvious.

# Ghost of Christmas Past



COLLAPSE New Societies Choose to Fail or Succeed JARED DIAMOND Milhor of the Publicer Prize-winning Crass GRAVE, and STREE

2005

And at that very moment, we heard a loud whack! From outside in the fields came a sickening smack of an axe on a tree. Then we heard the tree fall. The very last Truffula Tree of them all!

1971

THNEED,

# Ghost of Christmas Past



How to Turn It Around: Tom Friedman

# The Ghost of Christmas Present



...our parents were the Greatest Generation, building for us in America a world of freedom, abundance, and opportunity to a degree that no generation in history had every enjoyed. My generation (I was born in 1953), the baby boomers, turned out to be the "Grasshopper Generation

Ghost of Christmas Present



2000

.....Americans in the past thirty years let out our inner "grasshopper" and gorged on the savings and natural world that had been bequeathed to us – leaving our children huge financial and ecological deficits.

# Ghost of Christmas Present



[America] has a remarkable track record. It has thrived at every turning point in its history - with every change in technology and social norms. America built the world's most vibrant economy and democracy precisely because, in every historical turn since its founding, it has applied its own particular formula for prosperity: MICHAEL

Ghost of Christmas Present

THOMAS L. FRIEDMAN

MANDELBAUM



2011

USED TO BE US

- 1) providing public education for more and more Americans
- 2) building and continual modernizing of our infrastructure
- 3) keeping America's doors to immigration open....
- 4) government support for basic research and development
- 5) implementation of necessary regulationson private economic activity
  - Ghost of Christmas Present

THOMAS L. FRIEDMAN

MICHAEL MANDELBAUM



THAT USED To be us

> HOW AMERICA FELL BEHIND IN THE WORLD IT INVENTED and HOW WE CAN COME BACK

This is an urgent project, because the way of life we lapsed into in recent years cannot be passed on to another generation without catastrophic consequences.....

"How we respond now will decide the future of human civilization. We are the people we've been waiting for. There is no one else. There is no other time.

It's us and it is now."

Ghost of Christmas Present





MPENDING

What It is And What It Means To YOU

ROBERT L. HIRSCH

Reality Check from the Experts: Robert L. Hirsch Roger H. Bezdek Robert M. Wendling

# The Ghost of Christmas Present





Figure VI-4. Discovery trends for giant oil fields worldwide. Each step represents discoveries for the decade indicated. The peak discovery rate is seen to clearly have occurred in the 1960s.

#### World Oil Discoveries: Historical Data



2010

# Best Graphs

27

#### UNDERSTANDING OIL FIELDS



Figure IV-1. Oil production profile of a typical, large oil field. After years of exploration and the drilling of successful appraisal wells, largescale development begins. Oil production increases to a maximum and may stay flat on a production plateau for a number of years, sometimes a decade or more. Then, despite all human efforts, production decline sets in and can continue for many more decades.

#### Ghost of Christmas Present





Figure VI-1. World oil production from 1870 to 2009. Measured on the scale of today's production, it's clear that the trend broke upward in the early 1900s and continued unabated, except for the downturn in the mid-1980s when excess supply collided with mitigation resulting from actions taken in the 1970s. Thereafter, the demand increase resumed, generally following increasing world GDP.

# Best Graphs





Figure VI-5. World oil production from 2002 - early 2010. World production of all liquids stopped growing in 2004 & has been in a 5% fluctuating band plateau since then.

# Ghost of Christmas Present





Figure VI-8. Growth in world GDP and world oil production. Over the 20-year period the growth ratio was roughly 2:1, indicating a long history of GDP growth matching oil production growth.



# Best Graph



Figure IX-1. Access to the world's oil and gas in 1970 compared to the situation in 2009.

IOC: International Oil Companies NOC: Nationalized Oil Companies



Table XVI-1. Largest liquid fuels consuming countries, their recent production, and their recent import dependence. *Million barrels day* (*MMbpd*)

Country	Consumption	Production	Imports
United States	19.4	6.7	11.3
China	8.0	3.8	3.6
Japan	4.8	-	5.0
India	2.9	0.8	2.5
Russia	2.8	9.9	Net Exporter
Germany	2.5	-	2.9
Brazil	2.4	1.9	0.4
Canada	2.3	3.2	Net Exporter
South Korea	2.3	-	3.0
Saudi Arabia	2.2	10.8	Net Exporter
Mexico	2.1	3.2	Net Exporter
France	1.9	-	2.4
United Kingdom	1.7	1.5	1.5
Italy	1.7	0.1	1.9





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ROBERT L. HIRSCH ROGER H. BEZDEK ROBERT M. WENDLING

# **Best Graphs**

World production: 85 Million
Barrels per day
US light car consumption: 9 Million
Barrels per day
Daily commute: 2.4 Million
Barrels per day

# Ghost of Christmas Present



What It Is And What It Means To YOUI



ROBERT L. HIRSCH ROGER H. BEZDEK ROBERT M. WENDLING

While mass transportation is growing in some urban areas in the U.S., it only accounts for about 5% of trips to work. Private vehicle trips to work in a carpool account for roughly 11% of trips, while single-driver trips account for roughly three quarters of all trips.

Ghost of Christmas Present





ROBERT L. HIRSCH ROGER H. BEZDEK ROBERT M. WENDLING

If carpooling were expanded, significant reductions in gasoline demand would result. Indirect benefits would accrue also, including a decrease in traffic congestion, a decrease in vehicle emissions, and more money in people's pockets for discretionary spending.

"Clearly, the most wasteful practice is the single-driver trip to and from work"

Ghost of Christmas Present





Research Excellence: Chris Martenson

# The Ghost of Christmas Present



INFORMATION YOU CAN'T AFFORD TO LIVE WITHOUT THE CRASH COURSE

Our Economy, Energy, and Environment

CHRIS MARTENSON, PHD

THE CRASH COURSE

YouTube - 20 Episodes - Free

An open look at the future

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And how much "work" is embodied in a gallon of gasoline, our favorite substance of them all? Well, if you put a single gallon in a car, drove it away from your home until the gas ran out, and then got out and pushed the car home, you'd find out exactly how much work a gallon of gasoline INFORMATION YOU CAN'T AFFORD TO LIVE WITHOUT can do. THE CRASH

# Ghost of Christmas Present

COURSE

2011

The Unsustainable Future of Our Economy, Energy, and Environment

CHRIS MARTENSON, PHD

It turns out that a gallon of gas has the equivalent energy of somewhere between 350 and 500 hours of human labor. Given that a gallon of gas can perform that much human work, how much value would you assign it? How much would 350 to INFORMATION YOU CAN'T AFFORD TO LIVE WITHOUT 500 hours of your hard physical labor be worth to you? \$4? \$10?

**Ghost of Christmas Present** 



Our Economy, Energy and Environment

CHRIS MARTENSON, PHD

The Blind Men & the Elephant Reading List Our particular brand of economy is based on ever-increasing amounts of everything flowing through it. More money, more debt, more gasoline, more cars, more minerals, more profits, more buildings, more clothes, more, more, more of everything.... ... What happens when an economy INFORMATION YOU CAN'T AFFORD TO LIVE WITHOUT that *must* grow is being fueled by an energy source that *cannot* grow?

Ghost of Christmas Present



and Environment

CHRIS MARTENSON, PHD

# The Blind Men & the Elephant Reading List Kindle for iPhone Audible.com for iPhone



# Who Would Have Thought?

The Blind Men & the Elephant Reading List The lion's share of wattage going into a data center's computing equipment comes out again as waste heat, so the total wattage consumed by computing is included when calculating the load on AC systems. Running and cooling a single six-foot-high rack of servers occupying seven square feet of floor space can consume as much STAN COX power as would 30 typical California homes.... Who Would Have Thought?

The Blind Men & the Elephant Reading List Efficiency, out of necessity, has been greatly improved, but it has only doubled, not tripled, every 2 years, thereby failing to keep up with energy consumption for running and cooling servers.... between 2000 and 2006 the amount of energy to process a given amount of information fell 88%, yet energy consumption for a given investment in data handling rose 300%. And the numbers and sizes of data centers have swelled. Top Ten List

Take the energy consumed by today's data centers, throw in the growth projected for the near future, along with the energy used by computers and peripheral equipment in homes and commercial buildings, and by 2011 the US computing network will require a quantity of energy annually equivalent to Mexico's total electricity consumption, or by 2014, Australia's.

Who Would Have Thought?





The EPA estimated that by 2011 peak load placed on the grid by servers and data centers alone would require the output of 25 normalsized power plants.

2010

<text><text>

# Who Would Have Thought?



The Modern Day Cassandra: James Howard Kunstler

The Ghost of Christmas Future



The Blind Men & the Elephant Reading List Cassandra was the daughter of King Priam and Queen Hecuba and the twin sister of Helen of Troy. Her beauty caused Apollo to grant her the gift of prophecy but when she did not return his love, he placed a curse on her so that no one would ever believe her predictions. While Cassandra foresaw the destruction of Troy (she warned the Trojans about the Trojan Horse, the death of Agamemnon, and her own demise), she was unable to do anything to forestall these tragedies since no one believed her. Ghost of Christmas Future

In any case, the tragic truth is that much of suburbia is unreformable. It does not lend itself to being retrofitted into the kind of mixed-use, smaller-scaled, more finegrained walkable environments we will need to carry on daily life in the coming age of greatly reduced motoring.

Top Ten List

2005

of the TWENTY-FIRST CENTURY

IAMES HOWARD KUNSTLE

Nor is a Jolly Green Giant going to come and pick up the millions of suburban houses on their half-acre lots on cul-de-sac streets in the far-flung subdivisions and set them back down closer together to make more civic environments.

# Ghost of Christmas Future



Instead, this suburban real estate, including the chipboard and vinyl McHouses, the strip malls, the office parks, and all the other components, will enter a phase of rapid and cruel devaluation. Many of the suburban subdivisions will become the slums of the future.

# Top Ten List





# Top Ten List

2008


....up until about 2006, the entire developed world was perpetuating an ongoing story that went like this: Houses always go up in price. As we now all know, that tale is not true, but it was deeply embedded belief that shaped individual decisions and led even the most sophisticated investors in the world INFORMATION YOU CAN'T AFFORD TO LIVE WITHOUT THE CRASH astray. That's the power of a story. COURSE





CHRIS MARTENSON, PHD

We live our narratives. The lived story is at the center of modern personality theory. The theory of neural computation, as we shall see later, shows how our brains not only permit this, but favor it. The typical roles played in narratives include Hero, Victim, and Helper. A doctor may not just be a doctor, but a Hero-doctor, saving people's lives.

Narratives



A housewife may see herself as a Victimhousewife, victimized by society's sexism. A nurse may see herself as the Helper to the Hero-doctor. Or as a Victim of Sexism in medicine. ... The roles in narratives that you understand yourself as fitting give meaning to your life, including the emotional color that is inherent in narrative structures.

Top Ten List



We're going to have to grow our food differently....more stuff close to home....we'll have to rebuild local economies that we have surrendered to national chain retail and WalMart – they are done, but we don't know it yet - the 12,000 mile supply line to the other side of the world is not goin' on forever despite what Tom Friedman says about globalism.

Ghost of Christmas Future



We're going to have to do school differentlythe centralized school districts are going to fail. We're going to have to make a few things in America again or we aren't going to have anything.... America's economy is going to become inwardly focused again, and the inland waterways are going to be very important

#### Ghost of Christmas Future



..If suburbia fails, I don't think everyone is going to move to the city.... Big cities are going to contract....60 story condos over the last 30 years will prove to be a really tragic collective choice that we made.....

#### Ghost of Christmas Future





The Eagles <u>Hotel California</u> 1976

# The Ghost of Christmas Back to the Future



"Some rich men came and raped the land, Nobody caught 'em Put up a bunch of ugly boxes, and Jesus people bought 'em And they called it paradise The place to be They watched the hazy sun, sinking in the sea"

### The Last Resort from Hotel California

"Who will provide the grand design?What is yours and what is mine?'Cause there is no more new frontierWe have got to make it here

We satisfy our endless needs and justify our bloody deeds, in the name of destiny and in the name of God"

The Last Resort from Hotel California

# What *You* Can Do to Turn It Around: Malcolm Gladwell



#### **Innovation Adoption Curve**



#### Still On the List

Moore's argument is that the attitude of the Early Adopters and the attitude of the Early Majority are fundamentally incompatible. Innovations don't just slide effortlessly from one group to the next. There is a chasm between them.

#### Still On the List

The Treasmon of the a Big Difference MALCOLM GLADWELL \*A factuaring back that marker you see the world is a different way: "--PORTURE

All kinds of high-tech products fail, never making it beyond the Early Adopters, because the companies that make them can't find a way to transform an idea that makes perfect sense to an Early Adopter into one that makes perfect sense to a member of the Early Majority. The

#### Still On the List



The Blind Men & the Elephant Reading List What Mavens and Connectors and Salesmen do to an idea in order to make it contagious is to alter it in such a way that extraneous details are dropped and others are exaggerated so that the message itself comes to acquire a deeper meaning. If anyone wants to start an epidemic, than –whether it is of shoes or behavior or a piece of software – The

#### Turn it Around



in a different may."-FORTUNE

he or she has to somehow employ Connectors, Mavens, and Salesmen in this very way: he or she has to find some person or some means to translate the message of the Innovators into something the rest of us can understand.





....when I first got e-mail, back in the mid-90s. I would rush home with great anticipation and dial in on my 4800-baud modem and I would have...four messages from four very good friends. And what would I do? I would immediately compose long, elegant responses. Now, of course, I get up in the morning and go to my computer & have 64 The TIPPING POINT messages, and the anticipation I once How Little Things Can Make a Big Difference felt has been replaced by dread..... MALCOLM GLADWELL Turn it Around "A fascinating book that makes you see the world a different may." - FORTUNE

When people are overwhelmed with information and develop immunity to traditional forms of communication, they turn instead for advice and information to the people in their lives whom they respect, admire, and trust. The cure for immunity is finding Mavens, Connectors, and Salesmen. The TIPPING POINT

2000

How Little Things Can Make a Big Difference

MALCOLM

GLADWELL "A fascinating book that makes you see the work in a different may" - FORTUNE

#### Turn it Around

The science of mind has lit up a vast landscape of unconscious thought – the 98% of thinking your brain does that you are not aware of. Most of it matters for politics. The mind that we cannot see plays an enormous role in how our country is governed. DON'T THINK OF AN FLEPHAN

# Top Ten List



The Blind Men & the Elephant Reading List However, most of us have inherited a theory of mind dating back at least to the Enlightenment, namely, that *reason* is conscious, literal, logical, unemotional, disembodied, universal, and functions to serve our interests. This theory of human reason has been shown to be false in every particular, but it persists. In many aspects of life this DON'T THINK OF AN FLEPHANT may not matter. But in politics it can have very negative effects..... Top Ten List Why You Can't Understand 21st Century American Politics with an 18th Century Brain

Yet even as we acknowledge the ego's strategic and crucial role, the reality that industrial civilization has been the ego's most monumental accomplishment must not be overlooked. From start to finish, it has been an ego-based phenomenon.



#### Another Look

And just as the individual human who is driven and dominated by the ego must ultimately confront its limits, civilization is now entering a protracted ego-shattering breakdown which I believe is forcing confrontation with the deeper aspects of the individual and collective psyche such as the soul and Self. NAVIGATING THE

COMING CHAOS

#### Another Look

... It is probable that, like us, those singlecelled organisms began to multiply seemingly out of control and to over-populate their environment.... Those pressures led to a new and glorious era in evolution, in which single cells joined together in altruistic multicellular communities. The end result was humans, at or near the top of the evolutionary ladder. 2005

Turn it Around

The Blind Men & the Elephant Reading List Similarly, I believe that the stresses of the increasing human population will be responsible for pushing us up another rung on the evolutionary ladder. We will, I believe, come together in a global community. The members of that enlightened community will recognize that we are made in the image of our environment, i.e.,

#### Turn it Around



that we are divine, and that we have to operate not in a survival of the fittest manner, but in a way that supports everyone and everything on this planet.





The Blind Men & the Elephant Reading List The first step toward the power of moral action lies in the power we have to *think morally*. But this does not mean necessarily to think specifically about moral or ethical issues – it means the work of *thinking* together with my neighbor, with you, about any essential question of the heart and WHY CAN'T mind.... WE BE

2007

# Top Ten List

The Blind Men & the Elephant Reading List A new meaning of human relationship now appears – in fact, an old, an ancient meaning of love. The ancient meaning of friendship appears – to work together at thinking. Which means: to work together at speaking from the heart of the mind and listening with love and rigor. It is the work of allowing WHY CAN'T language to be born between us, real WE BE language that caries the vibration of thought. **Top Ten List** 



Fourth Mondays, 6:00 pm, GBRC (so far) facebook.com/pages/Houston-Green-Book-Club

#### Listed Books, 2003 to 2011

	LISICU DOOKS, 200) to 2011		
	Arjuna Ardagh	The Translucent Revolution	
	Yahuda Berg	The Powers of Kabbalah	
	Les Carter	The Anger Trap	
	Deepak Chopra	The Seven Spiritual Laws of Success	
	Wayne Dyer	Manifest Your Destiny	
	David Hawkins	Power vs. Force	
	Chip & Dan Heath Bruce Lipton	The Biology of Belief	
	Daniel Pinchbeck	2012: The Return of Quetzalcoatl	
	Robert Sardello	Freeing the Soul from Fear	
	Straus & Howe	Generations	
	Eckhart Tolle	The New Earth	
	Brian Weiss	Many Lives, Many Masters	
	David Zukov	Soul Stories	
	Wiley & Formley	Lights Out	
	Barry Sears	The Age Free Zone	
	Andrew Weil	Healthy Aging	
	Stephen Hawking	The Universe in a Nutshell	
	Edward O. Wilson		
t			
	Malcolm Beck	The Gardenville Method, The Secret of Compost	
	Stewart Brand Lester Brown	How Buildings Learn The Earth Policy Reader	
	Jared Diamond	Collapse, Guns, Germs, & Steel	
	Brian Dougherty	Green Graphic Design	
	Daniel Goleman	Ecological Intelligence	
	Paul Hawken	The Ecology of Commerce, Blessed Unrest	
		Natural Capitalism	
	Bjorn Lomborg	The Skeptical Environmentalist	
	James Lovelock Harte, Holdren, et a	The Ages of Gaia	
		ungartCradle to Cradle	
	James Kunstler	Home from Nowhere, Long Emergency, World Made by Hand	
	Michael Pollan	The Botany of Desire	
1	Elizabeth Royte	Garbage Land	
	Dr Seuss	The Lorax	
	Sarah Susanka	The Not So Big House, The Not So Big Life	
	Weinberg, Pellow, & Schnaiberg	Urban Recycling & the Search for Sustainable Community Development	
		teState of the World 2004	
	Joel Bakan Benjamin Barber	The Corporation Consumed	
	Bittle & Scott	Who Turned Out the Lights?	
	Robert Bly	The Sibling Society	
	Charles Fishman	The Wal-Mart Effect	
	Viktor Frankl	Man's Search for Meaning	
		Hot, Flat, & Crowded v.2	
	David Gershon	The Low Carbon Diet	
Al Gore The Assault on Reason, Our Choice John Gray Mars & Venus on a Date			
		The Tipping Point, Blink, Outliers	
	Ariana Huffington	Pigs at the Trough, Third World America	
	Lee Iacocca	Where Have All the Leaders Gone?	
	David Korten	The Great Turning	
	George Lakoff	Don't Think Of an Elephant, The Political Mind	
	Christian Lander Lipsky & Abrams	Stuff White People Like Late Bloomers	
	Paul Loeb	Soul of a Citizen	
	Ralph Nader	Only the Super-Rich Can Save Us	
	Hal Niedzvieki	Hello, I'm Special	
	George Orwell	Animal Farm	
	John Perkins	Confessions of an Economic Hit Man	
	Robert Prechter	Socionomics: The Wave Principle of Human Social Behavior	
	Robert Putnam David Quinn	Bowling Alone My Ishmael, Beyond Civilization	
	Robert Reich	Aftershock	
	Heather Rogers	Green Gone Wrong	
	Richard Seireeni	The Gort Cloud	
	Alex Steffen	Worldchanging	
	John Stossel	Myths, Lies, & Downright Stupidity	
	Alan Weisman	The World Without Us	
	Kurt Vonnegut	A Man Without a Country	