Principles and Practice of Deep Transformation

Jeremy Lent

Week 1 How Did We Get Here?

Session 1 Historical Patterns of Meaning

A climate emergency...

WILDFIRES



A climate emergency...

WILDFIRES





DROUGHT

FLOODS

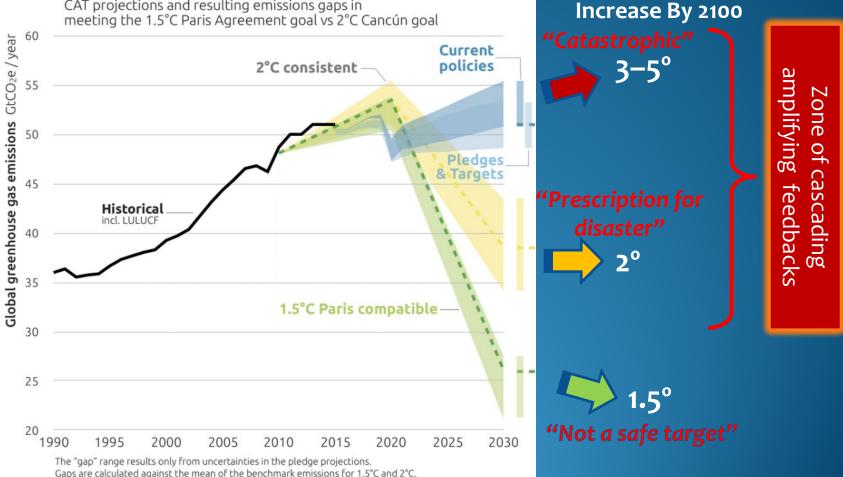
A climate emergency...

WILDFIRES

We're heading in the wrong direction...

2030 EMISSIONS GAPS

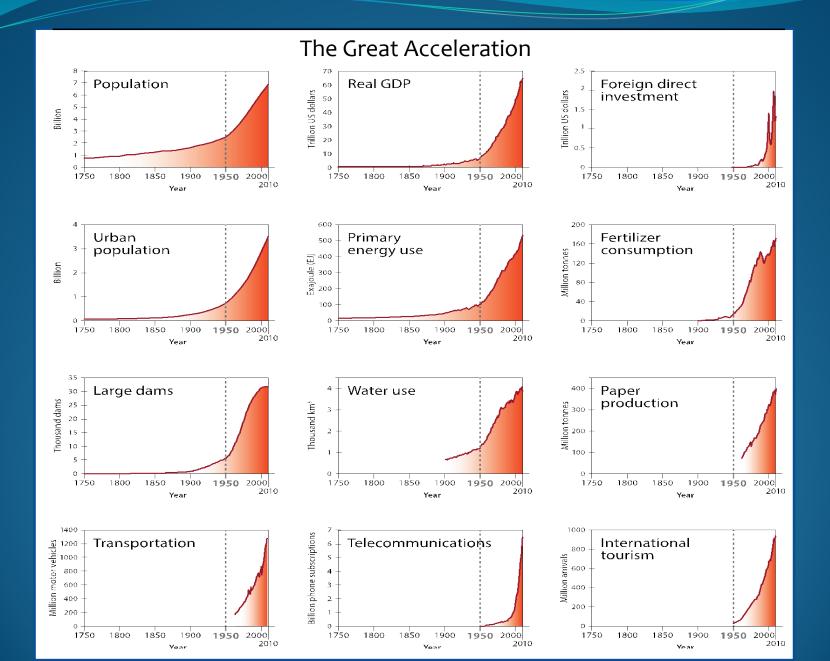
CAT projections and resulting emissions gaps in meeting the 1.5°C Paris Agreement goal vs 2°C Cancún goal



Global Temperature

Our home





Half of all marine life lost in 40 years



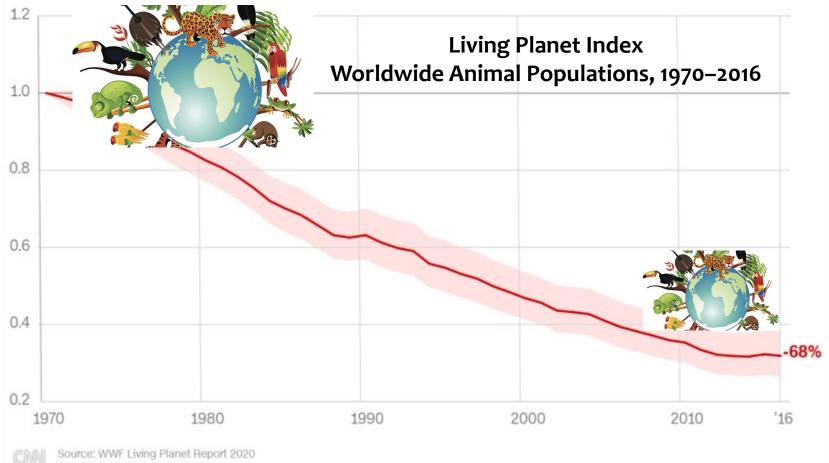
Rainforests are disappearing



Rainforests are disappearing



68% decline in animal populations worldwide



Graphic: Natalie Croker, CNN

Insect collapse around the world



Insect collapse around the world



Insect collapse around the world

life support systems'

protected areas

Caspar A. Hallmann 🖾 , Martin Sorg, Eelke

Thomas Hörren, Dave Goulson, Hans de

More than 75 percent decline over 27 years in total flying insect biomass in protected areas **California's Monarch Butterflies Hit 'Potentially Catastrophic' Record Low**

A discouraging survey of California's monarch butterfly population signals bad news for the at-risk species.



Vast ecological destruction across the board



Vast ecological destruction across the board

5 bn facing water shortage in 2050

The Sixth Great Extinction of species

Vast ecological destruction across the board

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Annihilation of coral reefs worldwide

The Sixth Great Extinction of species

95% of Earth's land degraded by 2050

Vast ecological destruction across the board

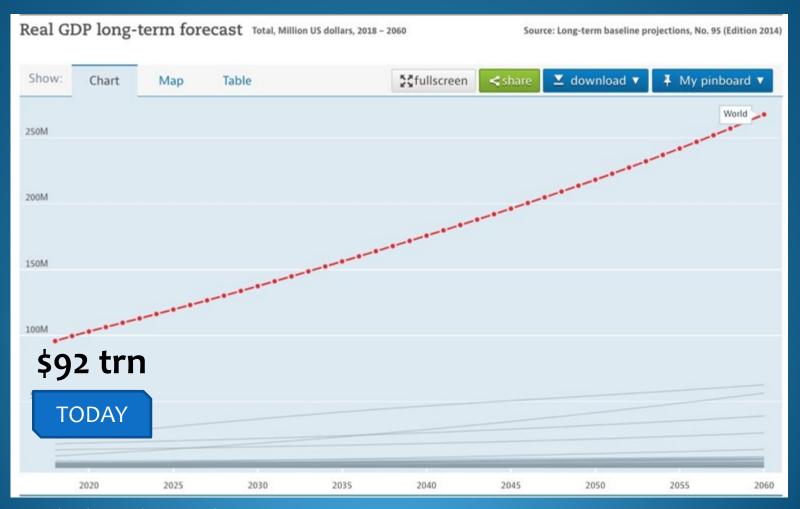
5 bn facing water shortage in 2050

Annihilation of coral reefs worldwide

By 2050 there will be more plastic in the ocean than fish



Global production today at \$92 trillion



http://www.oecd.org/eco/growth/scenarios-for-the-world-economy-to-2060.htm

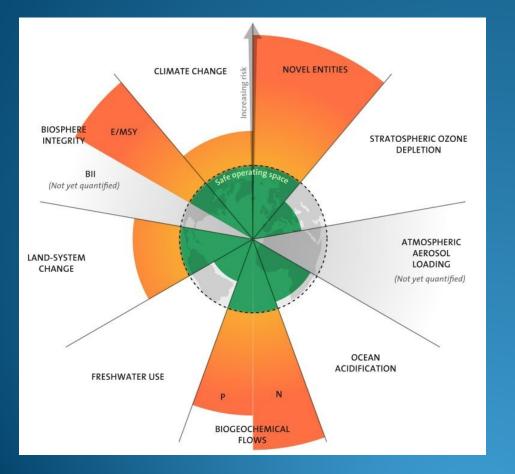
Global production projected to triple by 2060



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We're rapidly heading for a precipice

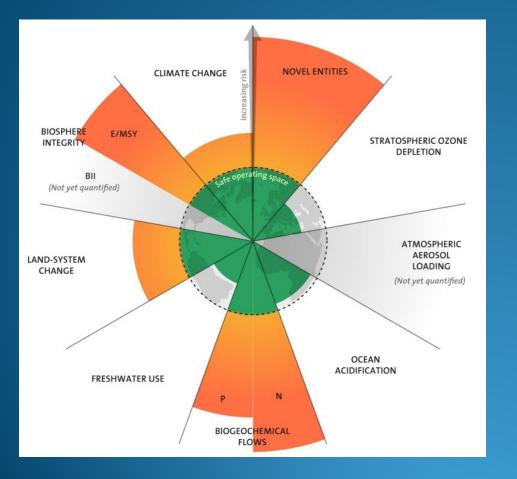
PLANETARY BOUNDARIES



Source: Johan Rockström, et al., "A Safe Operating Space for Humanity," *Nature* 461 (2009): 472–75.

We're rapidly heading for a precipice

PLANETARY BOUNDARIES



World Scientists' Warning to Humanity: A Second Notice

"Facing widespread misery and catastrophic biodiversity loss...
Soon it will be too late to shift course away from our failing trajectory." – BioScience, December 2017

Professor Hans Schellnhuber "If we continue down the present path "there is a very big risk that we will end our civilisation..." – Director Emeritus, Potsdam Institute

> UN Secretary General Ban Ki-Moon It is a global suicide pact." – World Economic Forum, 2011

Source: Johan Rockström, et al., "A Safe Operating Space for Humanity," *Nature* 461 (2009): 472–75.

How Did We Get Here?

BOOR

JEREMY LENT



A Cultural History of Humanity's Search for Meaning

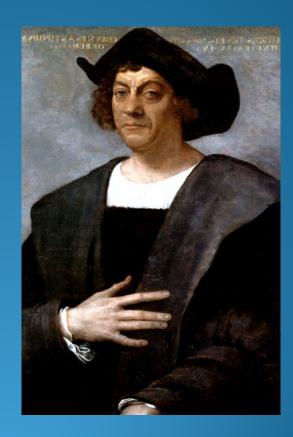
Foreword by FRITJOF CAPRA

Culture shapes values Values shape history

Culture shapes values Values shape history Our values will shape the future

The Riddle of Admiral Zheng He and Christopher Columbus





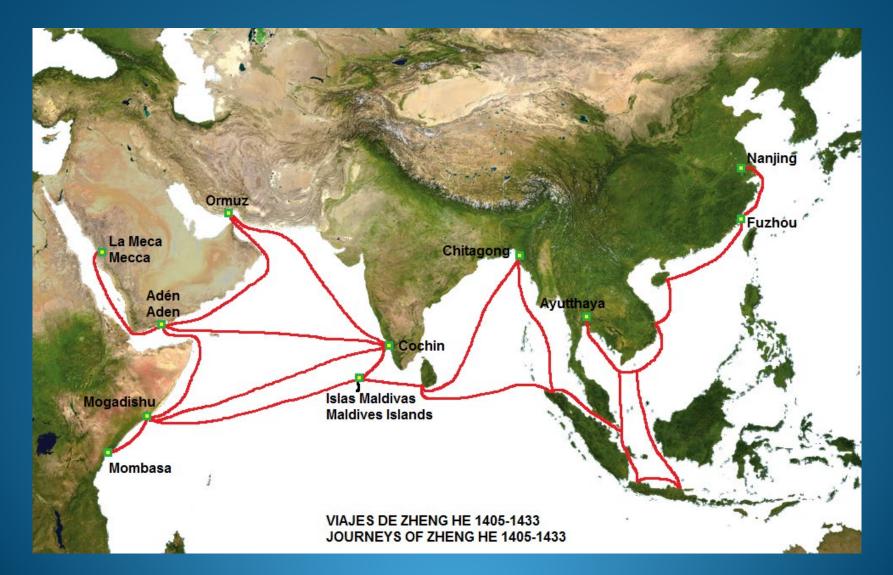
In 1405 Admiral Zheng He set sail from China



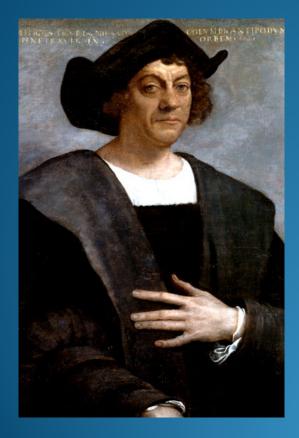
The greatest armada in history

27,000 men in over 300 ships **Classes of ships:** Troop and horse transports Patrol boats Men-of-war Freshwater tankers 7 long voyages over 28 years

Admiral Zheng's extensive reach



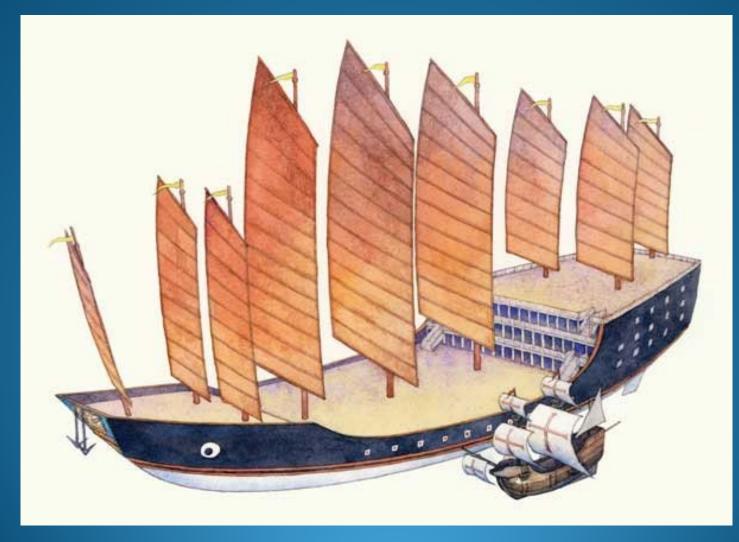
In 1492, Christopher Columbus set sail from Spain



• 90 men

- Three threadbare boats: Santa Maria, Pinta and Niña
- Rudder broke after 3 days at sea

Zheng He's boats dwarfed those of Columbus



The Riddle:

Why did Columbus transform the entire world?

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Why did Columbus transform the entire world?

Why not Zheng He?

BOOR

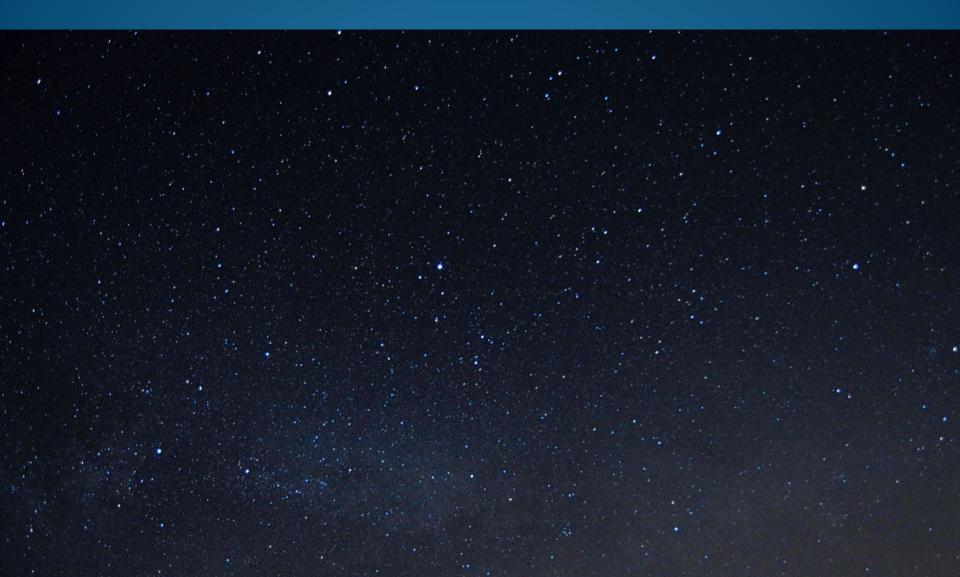
JEREMY LENT



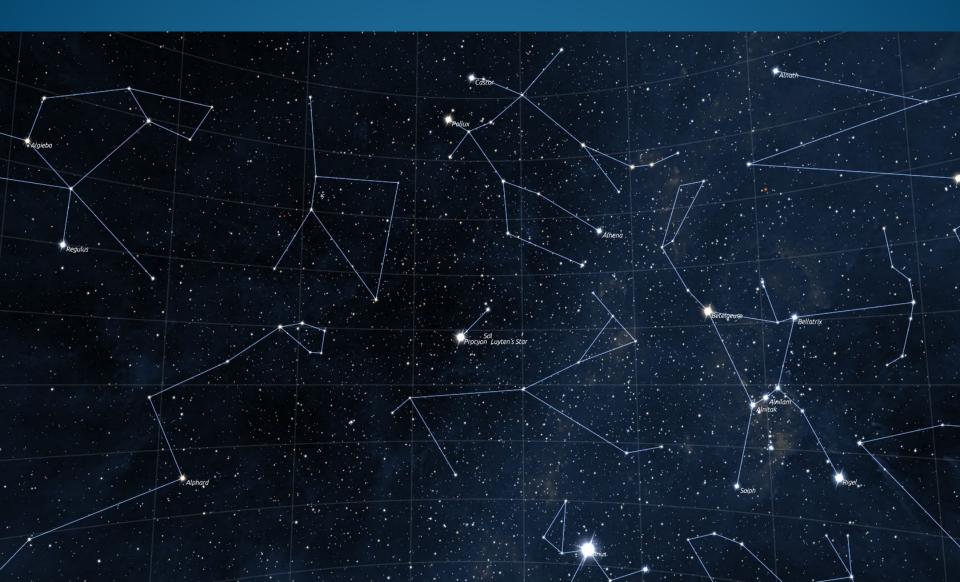
A Cultural History of Humanity's Search for Meaning

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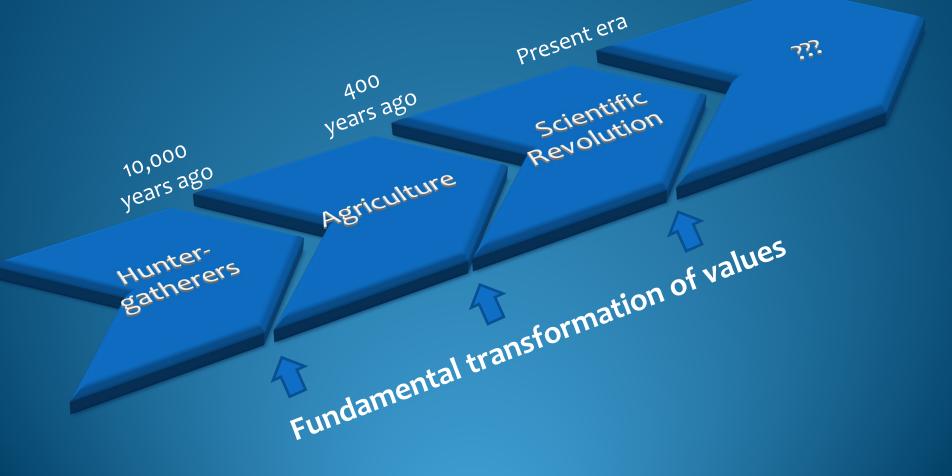


FOR PRIVATE CIRCULATION-CHECK WITH JEREMY LENT BEFORE SHARING | jeremy@jeremylent.com



Historical Patterns

Great transitions in human history



Shifts in root metaphors of Nature

Huntergatherers

"Nature is ... a giving parent"

ROOT METAPHOR

Nature is a giving parent



ROOT METAPHOR

Nature is a giving parent

All living beings are family



ROOT METAPHOR

Nature is a giving parent

All living beings are family

We all have an intimate relationship with spirits

ROOT METAPHOR

Nature is a giving parent

All living beings are family

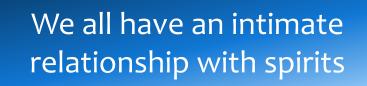




ROOT METAPHOR

Nature is a giving parent

All living beings are family



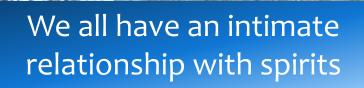
We can trust Nature to meet our needs

Everything is connected

ROOT METAPHOR

Nature is a giving parent

All living beings are family



We can trust Nature to meet our needs



The natural world has intrinsic value

Everything is connected

Shifts in root metaphors of Nature



Agriculture and separation



Agriculture and separation

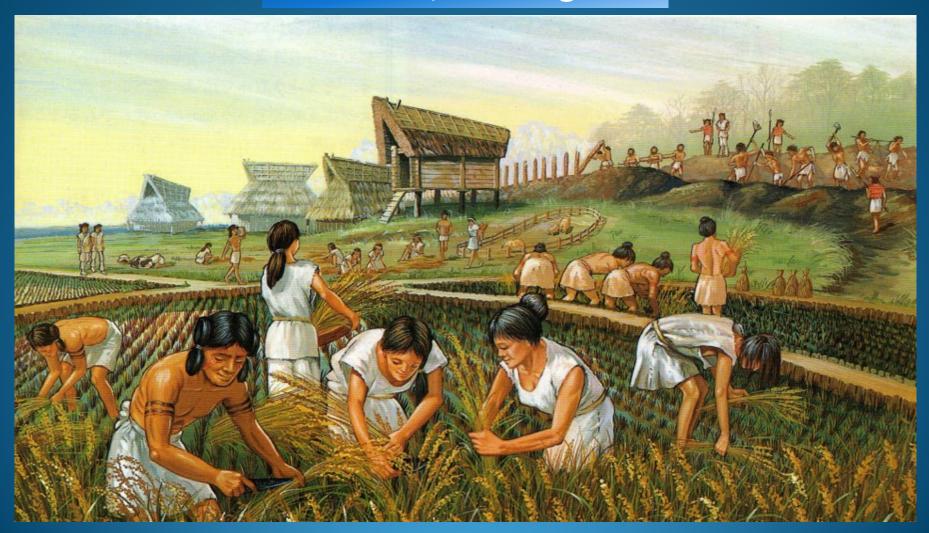


Humans separate from Nature

Humans separate from other humans

ROOT METAPHOR

Hierarchy of the gods



ROOT METAPHOR

Hierarchy of the gods

Intrinsic value of wealth, possessions, and power

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Hierarchy of the gods

Intrinsic value of wealth, possessions, and power

Can't trust the gods: need for worship, sacrifice and priesthood

1926

ROOT METAPHOR

Hierarchy of the gods

Intrinsic value of wealth, possessions, and power

Can't trust the gods: need for worship, sacrifice and priesthood

-18 216

Respect the hierarchy—and the patriarchy

The rise of the patriarchy

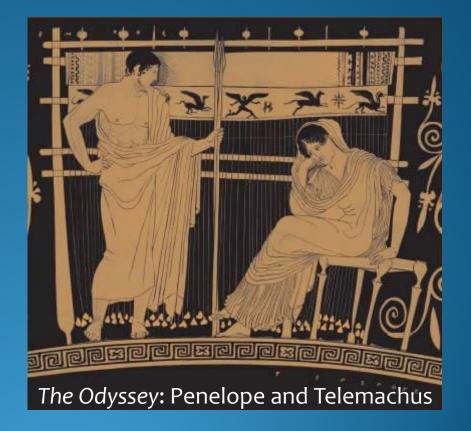
Women become

- Property of the male
- Objectified sexually
- Excluded from power
- Silenced in the public sphere

The rise of the patriarchy

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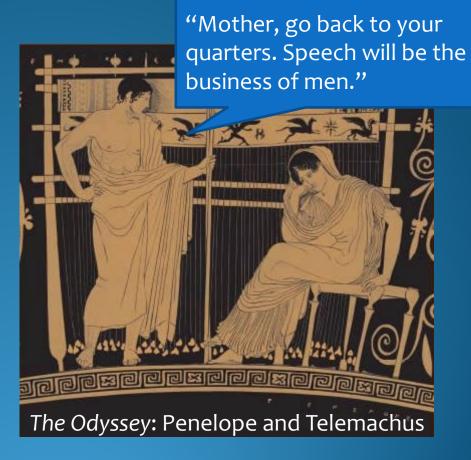


Source: Women & Power: A Manifesto by Mary Beard

The rise of the patriarchy

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Source: Women & Power: A Manifesto by Mary Beard

Hierarchy of the gods



Shared by early civilizations throughout the world

Aztec Maya China Mesopotamia ^{Egypt} India

Inca



Two unprecedented patterns of meaning



Two unprecedented patterns of meaning



An interconnected cosmos of yin and yang



Pondering the Tao



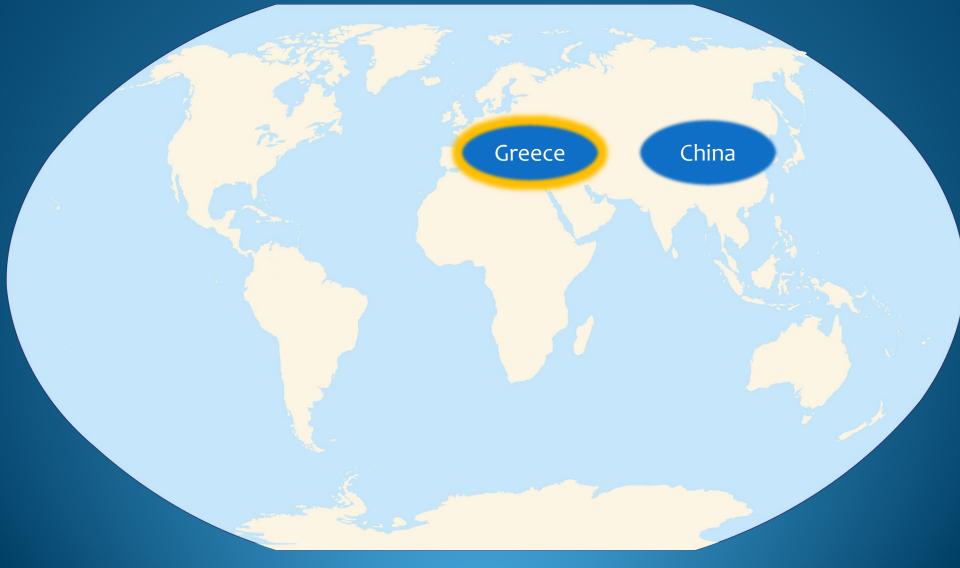
Harmonic web of life



Traditional Chinese values

- Ultimate goal to find harmony within the cosmic network
- Resonate in balance with the forces of yin and yang
- Harmony arises through integration
 - Different parts of an individual
 - Individual within society
 - Humanity and the natural world

Two unprecedented patterns of meaning



Dualism: split cosmos, split human



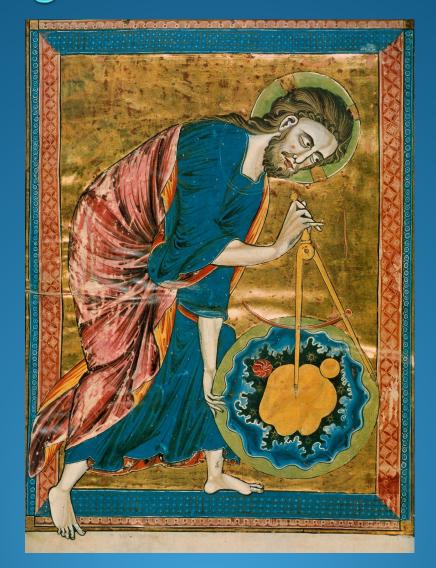
Christian Rationalism



Nature's perfect geometry



God as the great clockmaker



Scientific Revolution: Nature is a machine





The conquest of nature



Francis Bacon, prophet of the scientific age

"establish and extend the power of dominion of the human race itself over the universe"

"render ourselves the masters and possessors of nature"

Conquering nature... and other continents



Columbus' journal arriving in the Bahamas

"Of anything they have, if you ask them for it, they never say no; rather they invite the person to share it, and show as much love as if they were giving their hearts."



The Arawak (Taino)

Columbus' journal arriving in the Bahamas



ARAWAK INDIANS. Copyright BCC Library Service, 2003

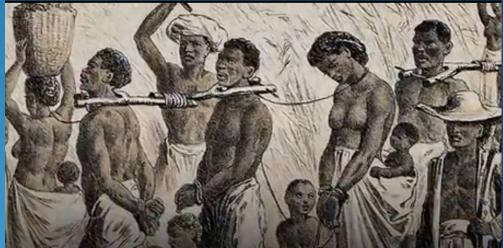
"They would make fine servants. Should your Majesties command it, all the inhabitants could be taken away to Castile [Spain], or made slaves on the island. With fifty men we could subjugate them all and make them do whatever we want."

The racist ideology of white supremacy



Genocide of Indigenous people in North and South America wiped out 99% of population

12 million Africans enslaved and transported to the Americas



The Riddle:

Why did Columbus transform the entire world?

Why not Zheng He?

Underlying cause: cognitive



Unthinkable for Admiral Zheng to have conquered and enslaved the societies he visited with his armada

Underlying cause: cognitive

Unthinkable for Admiral Zheng to have conquered and enslaved the societies he visited with his armada

Unthinkable for Columbus to have traded with the indigenous people of the New World and brought emissaries back to Spain as ambassadors



The greatest inequality in history

Wealthiest 26 billionaires...



The greatest inequality in history

Wealthiest 26 billionaires...

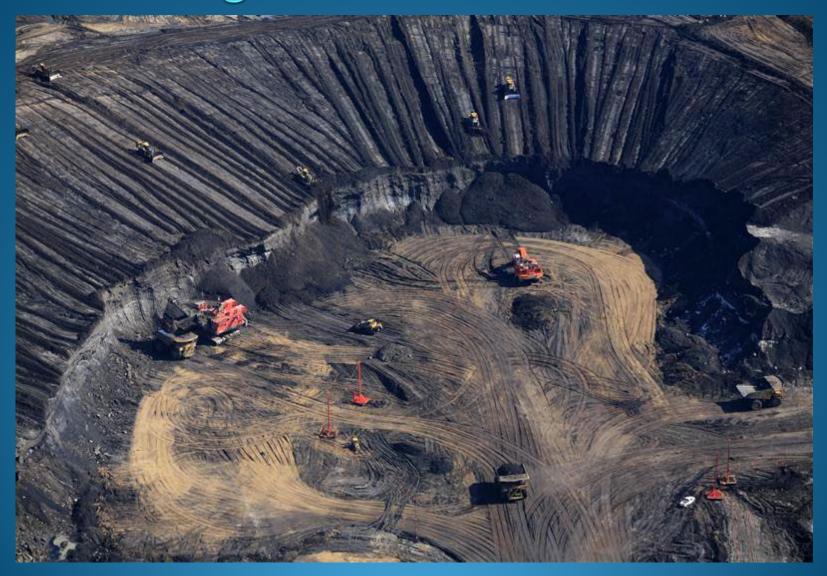




... Half the world's population

4 billion people

Ransacking the natural world



Modern Cultural Patterns

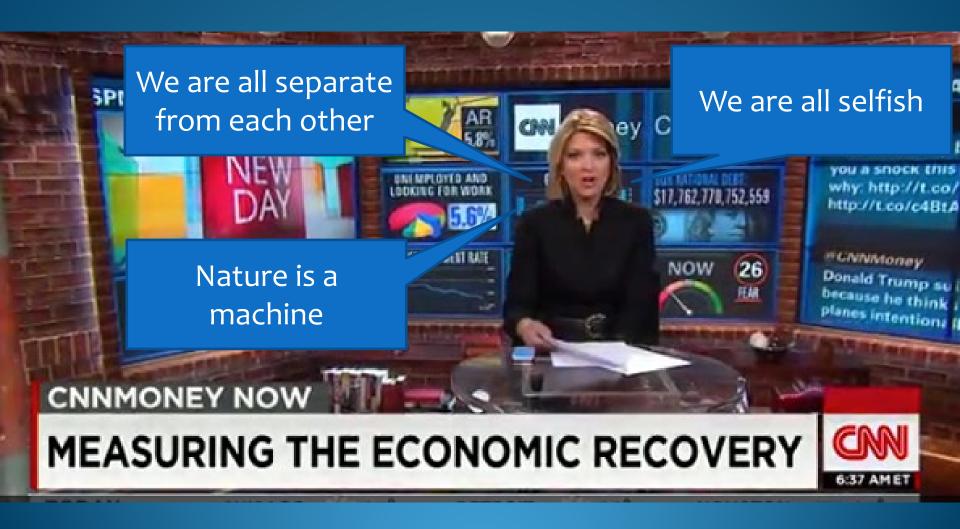
Modern worldview based on separation

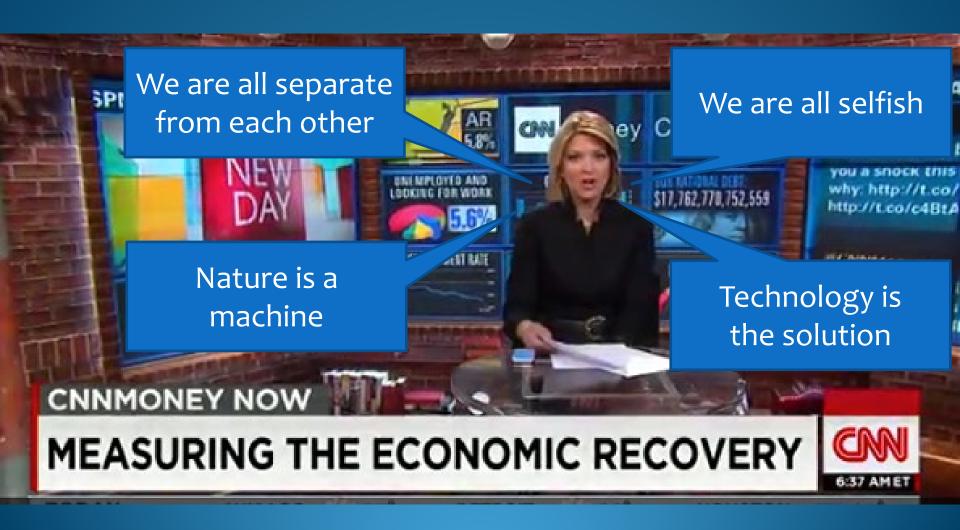


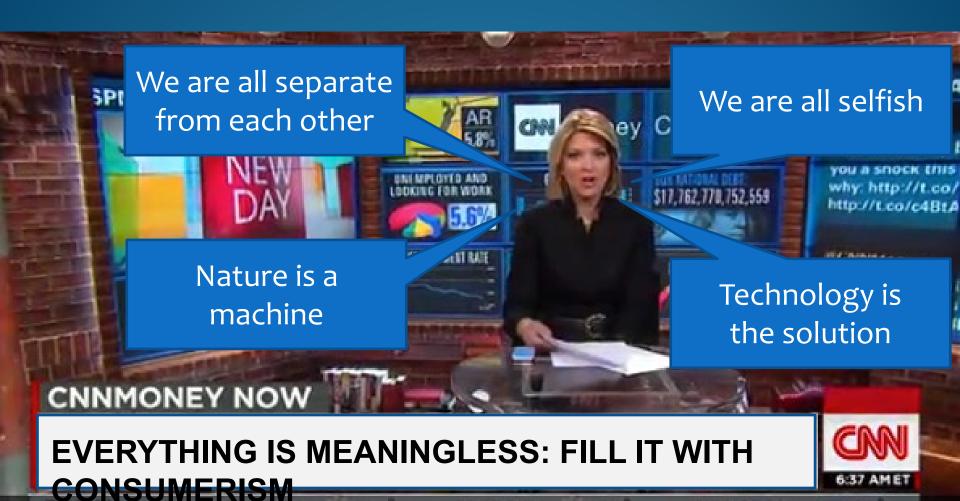












Global production projected to triple by 2060



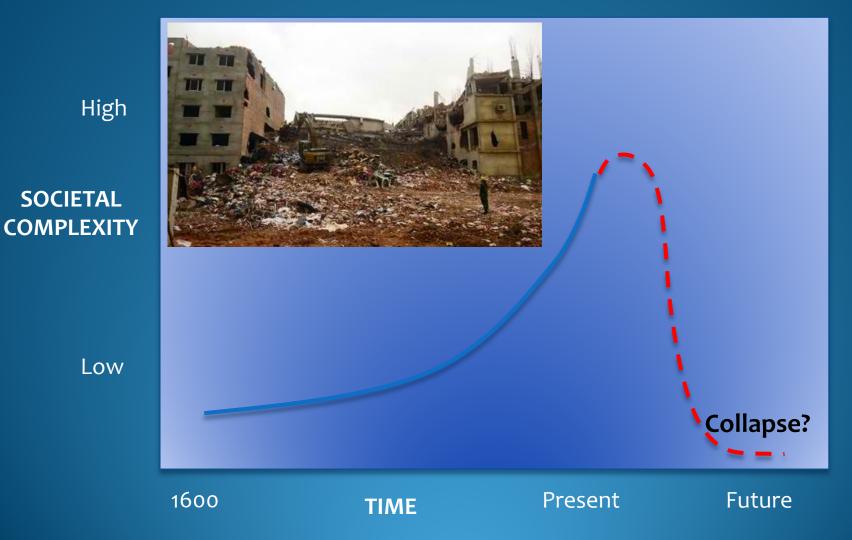
http://www.oecd.org/eco/growth/scenarios-for-the-world-economy-to-2060.htm

Is our civilization headed for collapse?



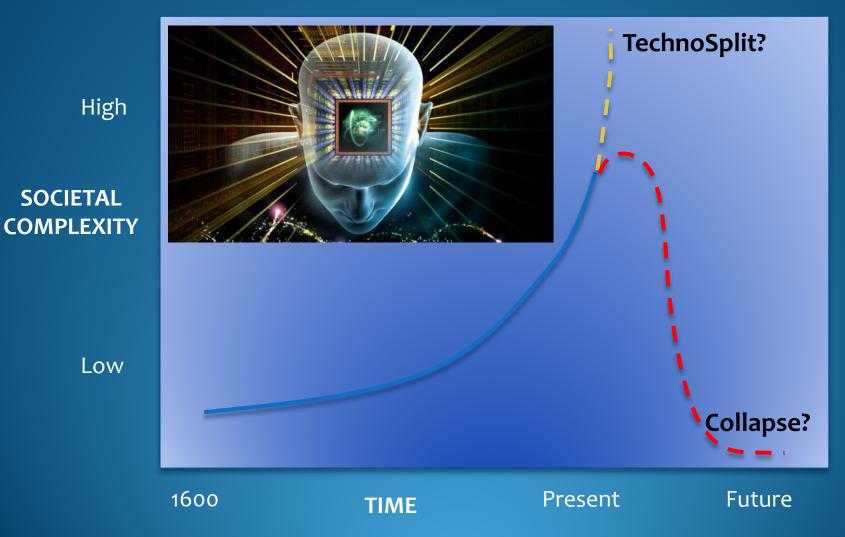
Three Scenarios

Global Civilization Trajectory



Three Scenarios

Global Civilization Trajectory



Three Scenarios

Global Civilization Trajectory

High

Low

SOCIETAL COMPLEXITY



For reflection

Has there been a time in your life when you became aware of implicit assumptions in your own worldview?

> If so, what were they? And how did they change?