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The Pope, The Poor, The Planet

Jose Ramon T. Villarin

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*THE POPE, THE POOR
AND THE PLANET:
Overcoming Insularity Via
An Integral Ecology*

FR JOSE RAMON T VILLARIN, SJ
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THE POPE, THE POOR, & THE PLANET
Overcoming Insularity Via An Integral Ecology

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OUTLINE

- The complexity of the crisis: a climate example
- Roots of the crisis
- Our response and some pathways of hope
- Ten simple steps

THE EXPONENTIAL (COMPOUNDING GROWTH / DECAY)

$$\frac{dx}{dt} = r \cdot x$$

In English:

Change of some thing in time depends on
how much of that thing you have right now.

THE EXPONENTIAL (COMPOUNDING GROWTH / DECAY)

$$\frac{dx}{dt} = r \cdot x$$
$$x(t) = x(t_0) e^{(r \cdot t)}$$

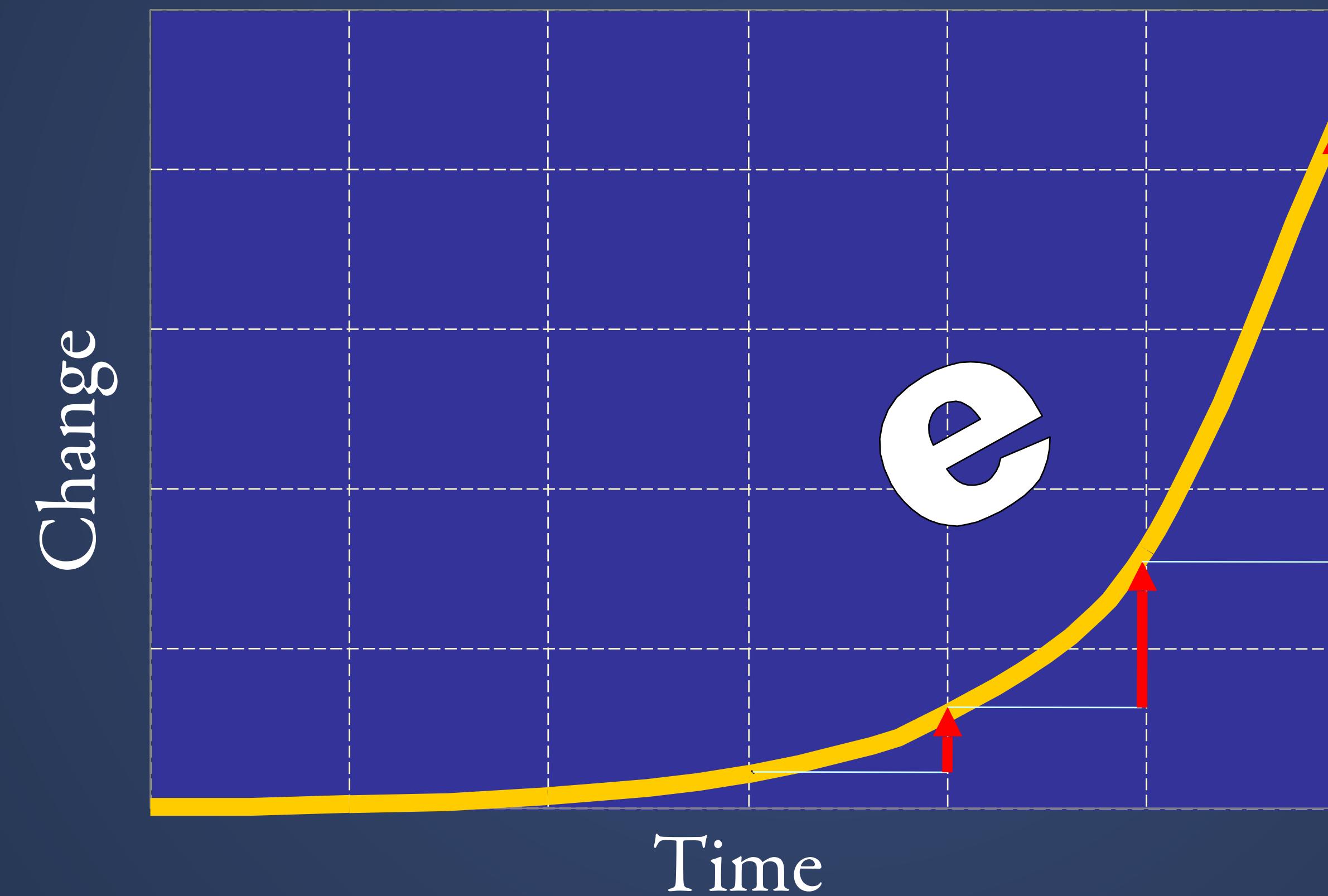
In English:

In growing, things grow slowly at the start
and grow more rapidly later.

(In decaying, things decay rapidly at the start
And decay more slowly later.)

THE EXPONENTIAL (COMPOUNDING GROWTH / DECAY)

The Exponential

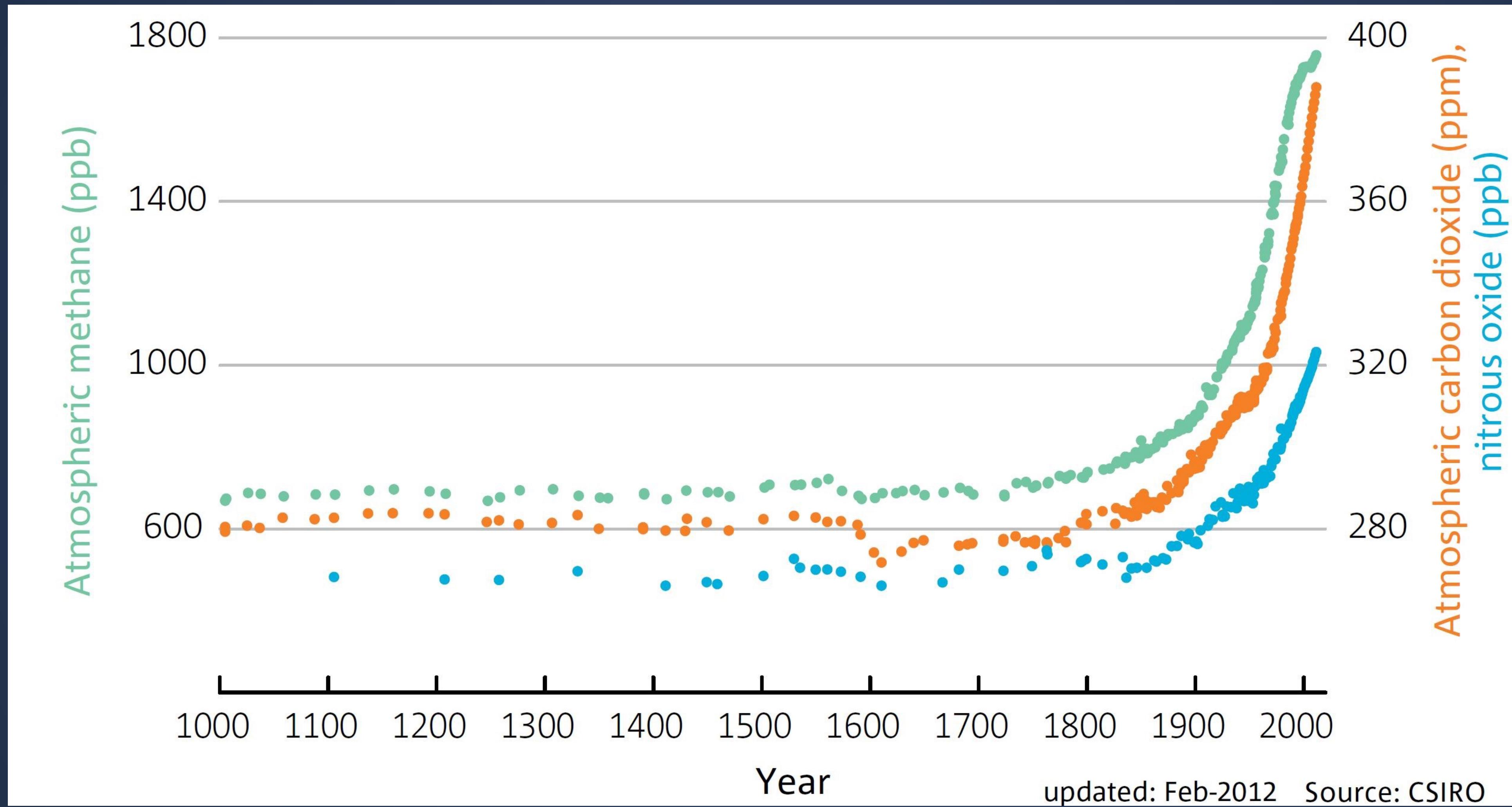


EXPONENTIAL GROWTH OF GHGs

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Exponential Growth of GHGs

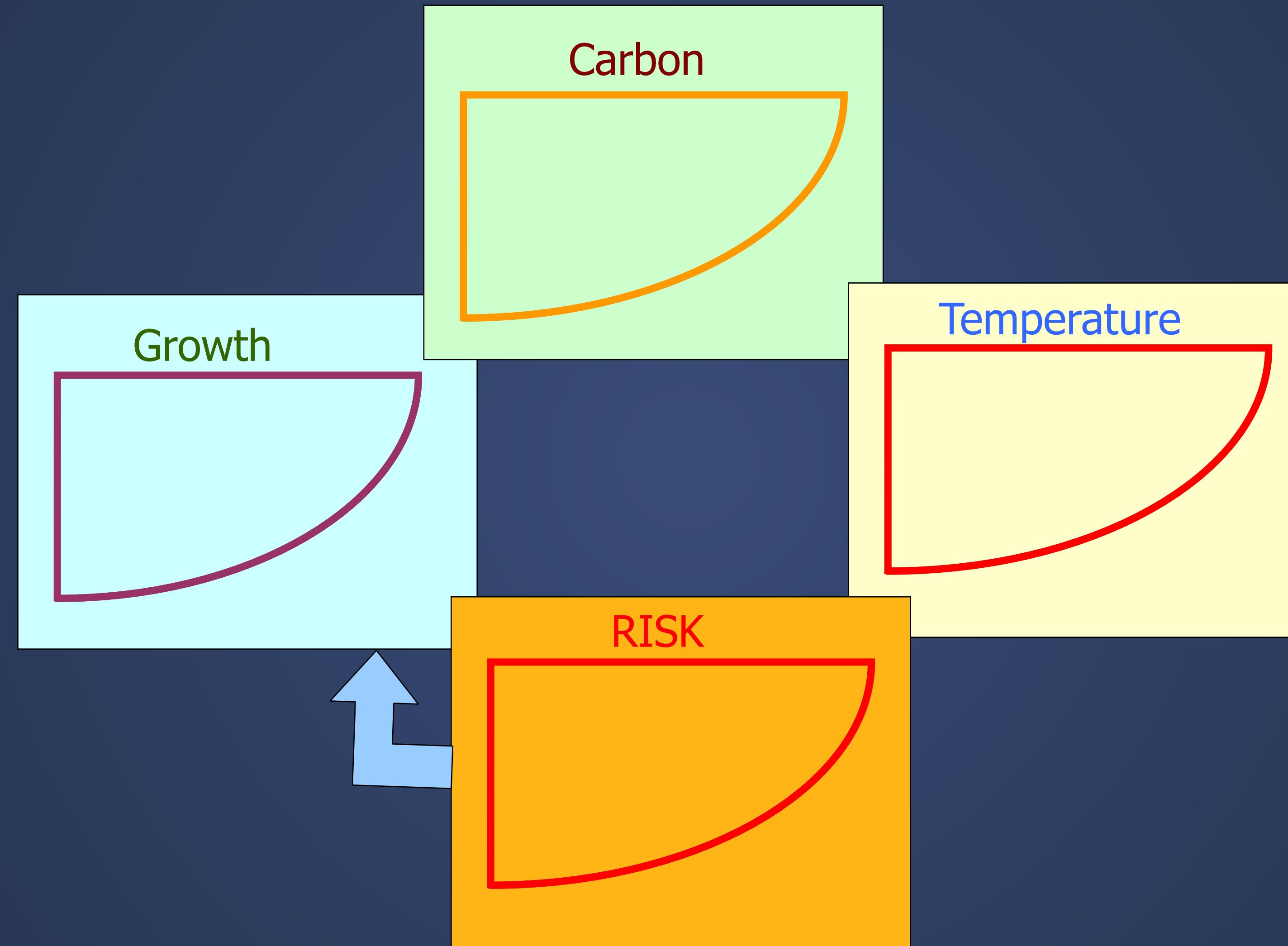


SCHEMATIC OF THE CRISIS

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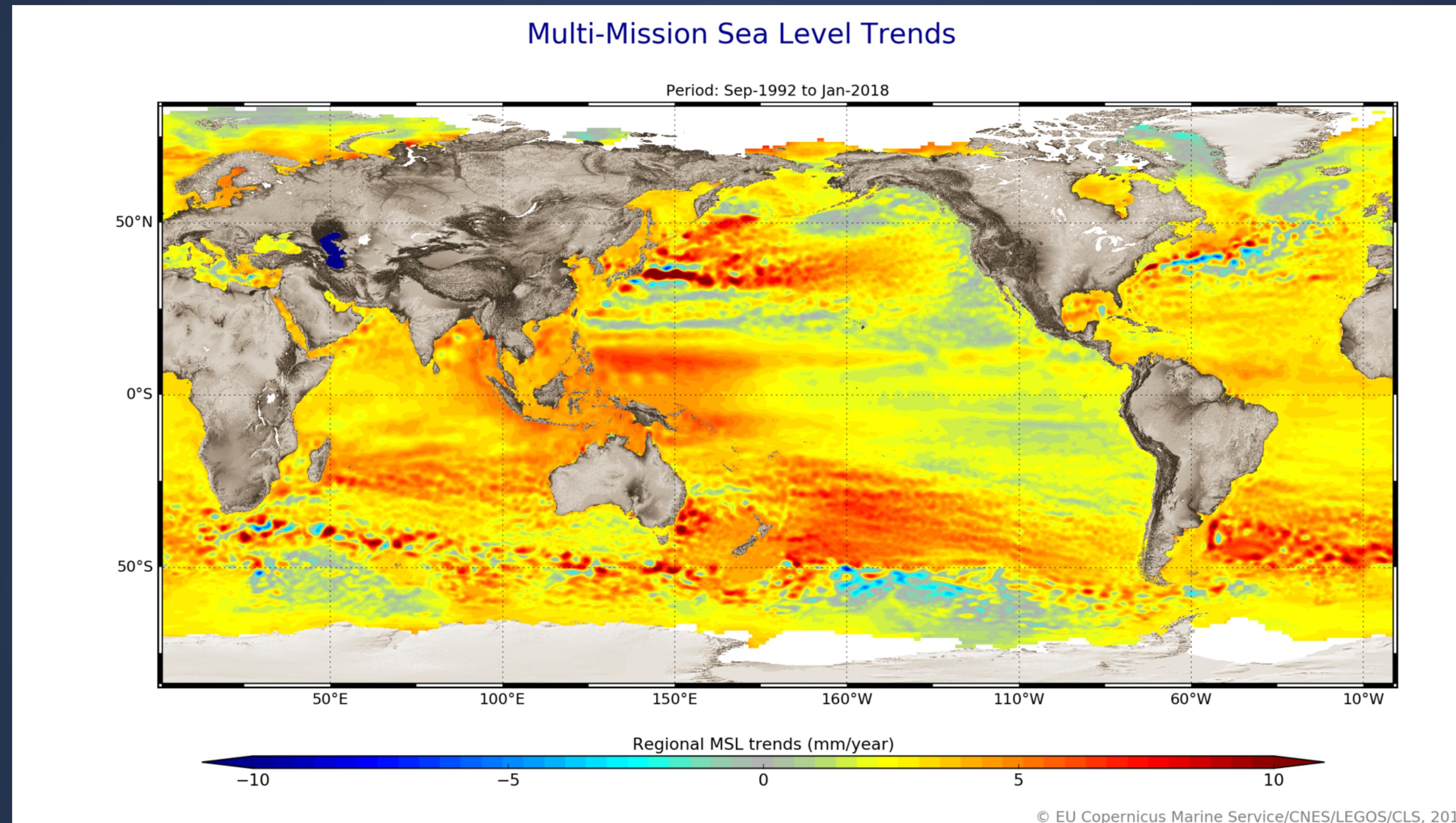
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SCHEMATIC OF THE CRISIS



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SAMPLE IMPACT: SEA LEVEL RISE

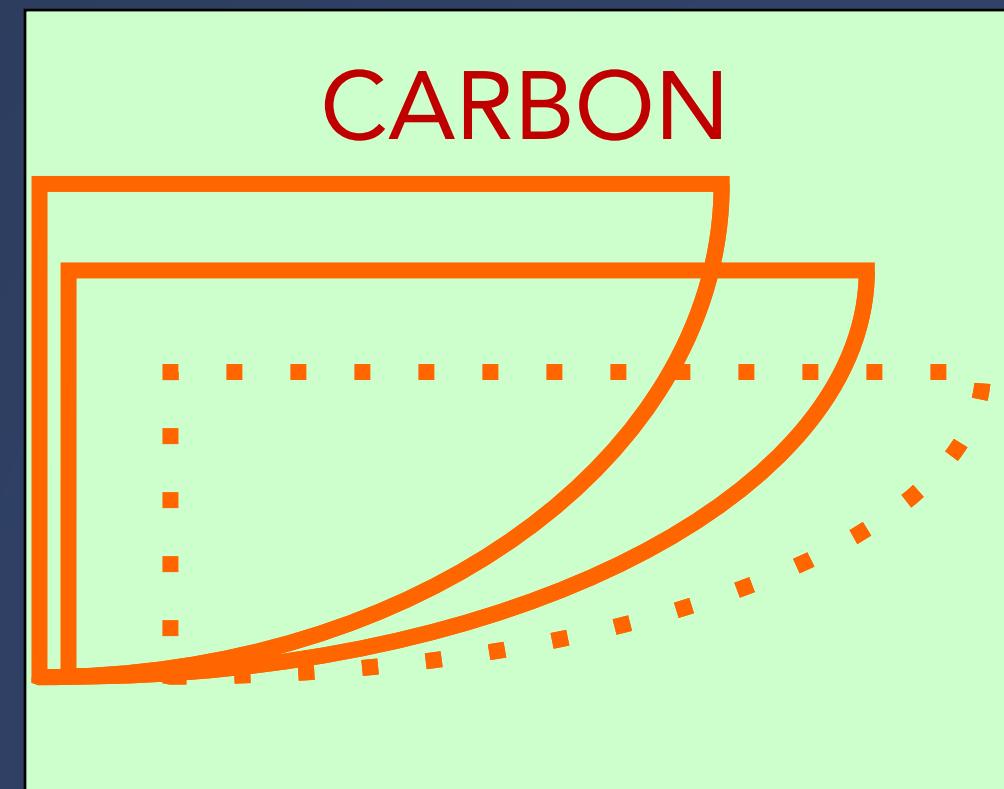


SOLUTIONS: MITIGATION AND ADAPTATION

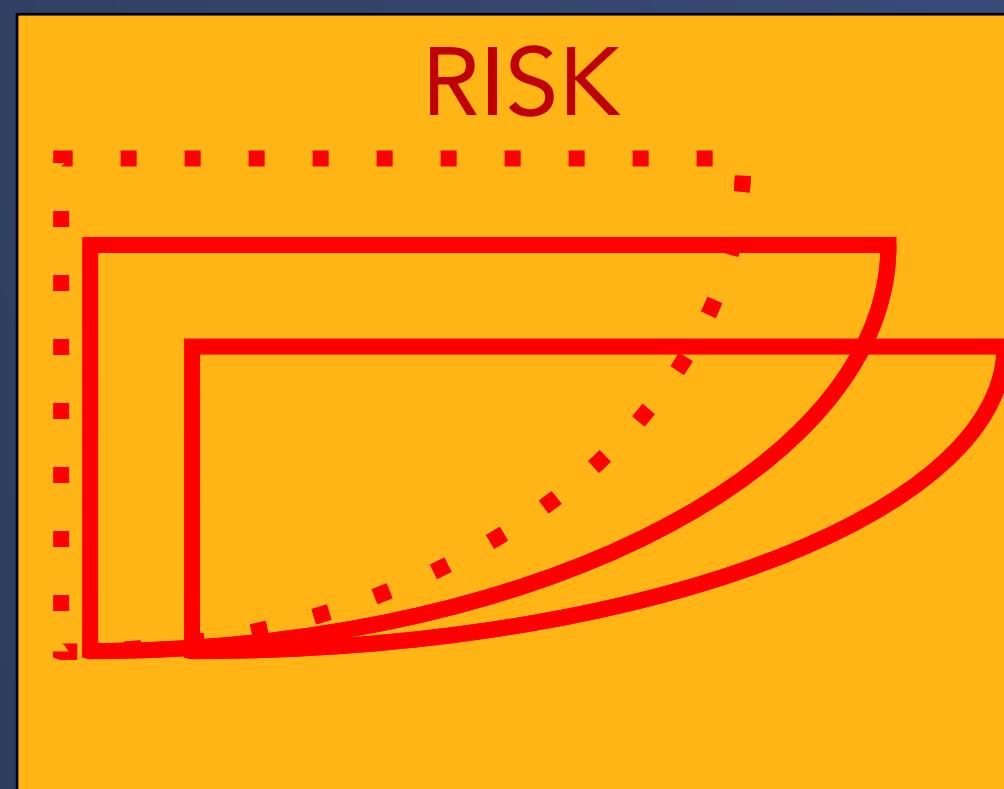
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SOLUTIONS: MITIGATION AND ADAPTATION



Reduce the carbon.



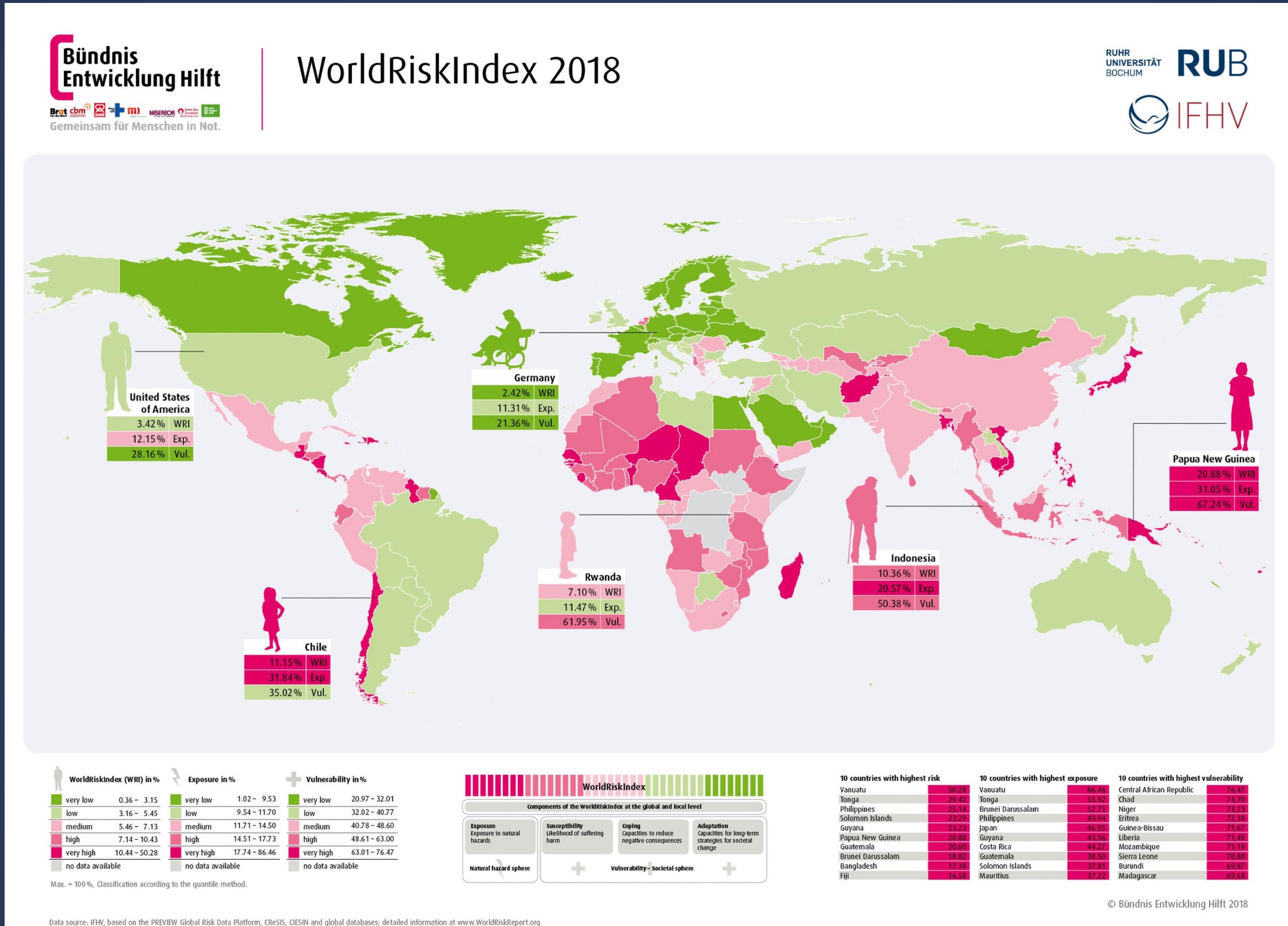
Reduce the risk.

WHERE'S THE CARBON?

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WHERE'S THE RISK?



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Climate Risk Report, 2018
(<http://ehs.unu.edu>)

WHERE'S THE RISK?

Rank	Country	Risk (%)
1.	Vanuatu	50.28
2.	Tonga	29.42
3.	Philippines	25.14
4.	Solomon Islands	23.29
5.	Guyana	23.23
6.	Papua New Guinea	20.88
7.	Guatemala	20.60
8.	Brunei Darussalam	18.82
9.	Bangladesh	17.38
10.	Fiji	16.58
11.	Costa Rica	16.56
12.	Cambodia	16.07
13.	Timor-Leste	16.05
14.	El Salvador	15.95
15.	Kiribati	15.42

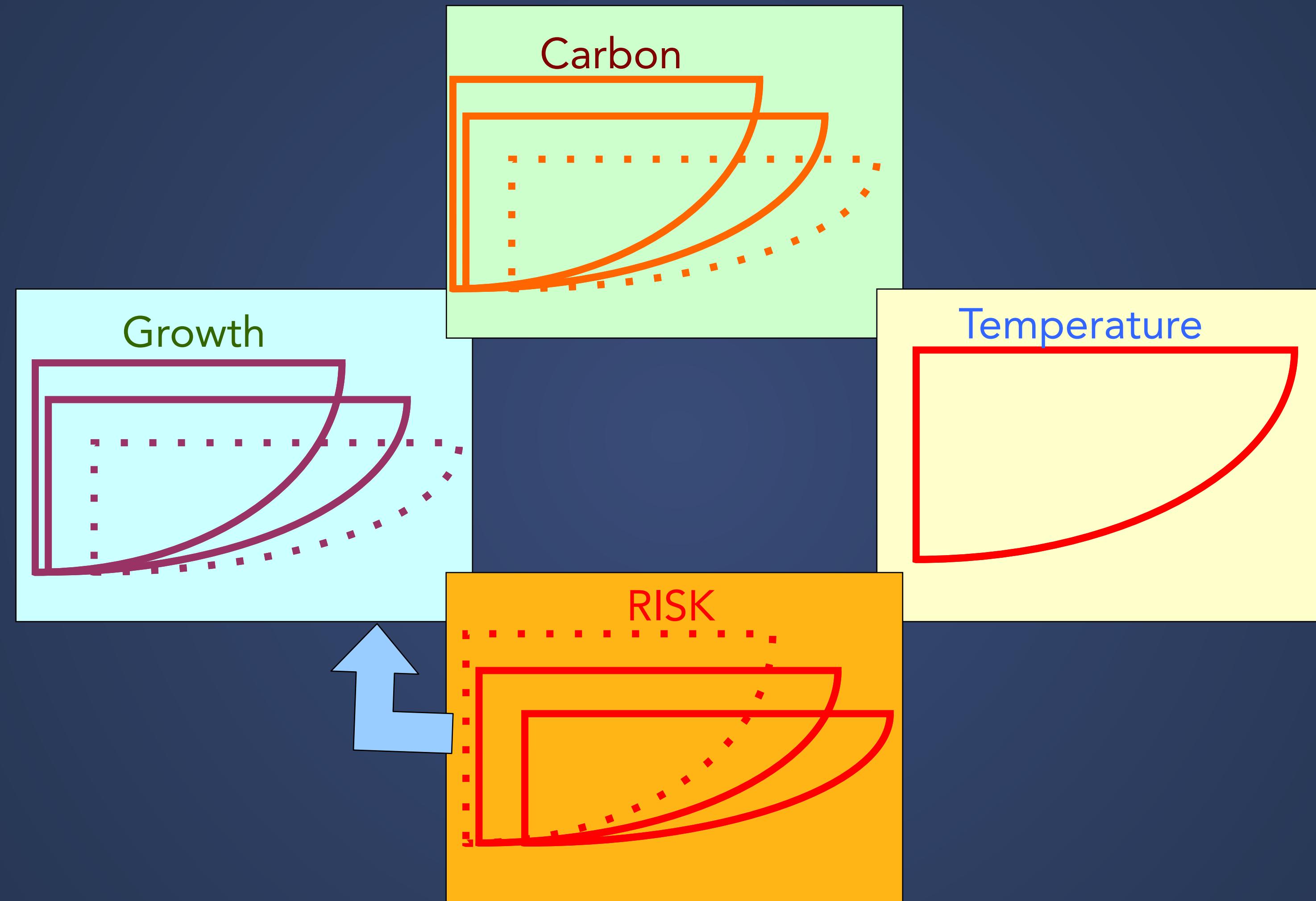
Climate Risk Report, 2018 (<http://ehs.unu.edu>)

THE CLIMATE ETHICAL PROBLEM: DIFFERENTIATION

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THE CLIMATE ETHICAL PROBLEM: DIFFERENTIATION



ROOTS OF THE CRISIS

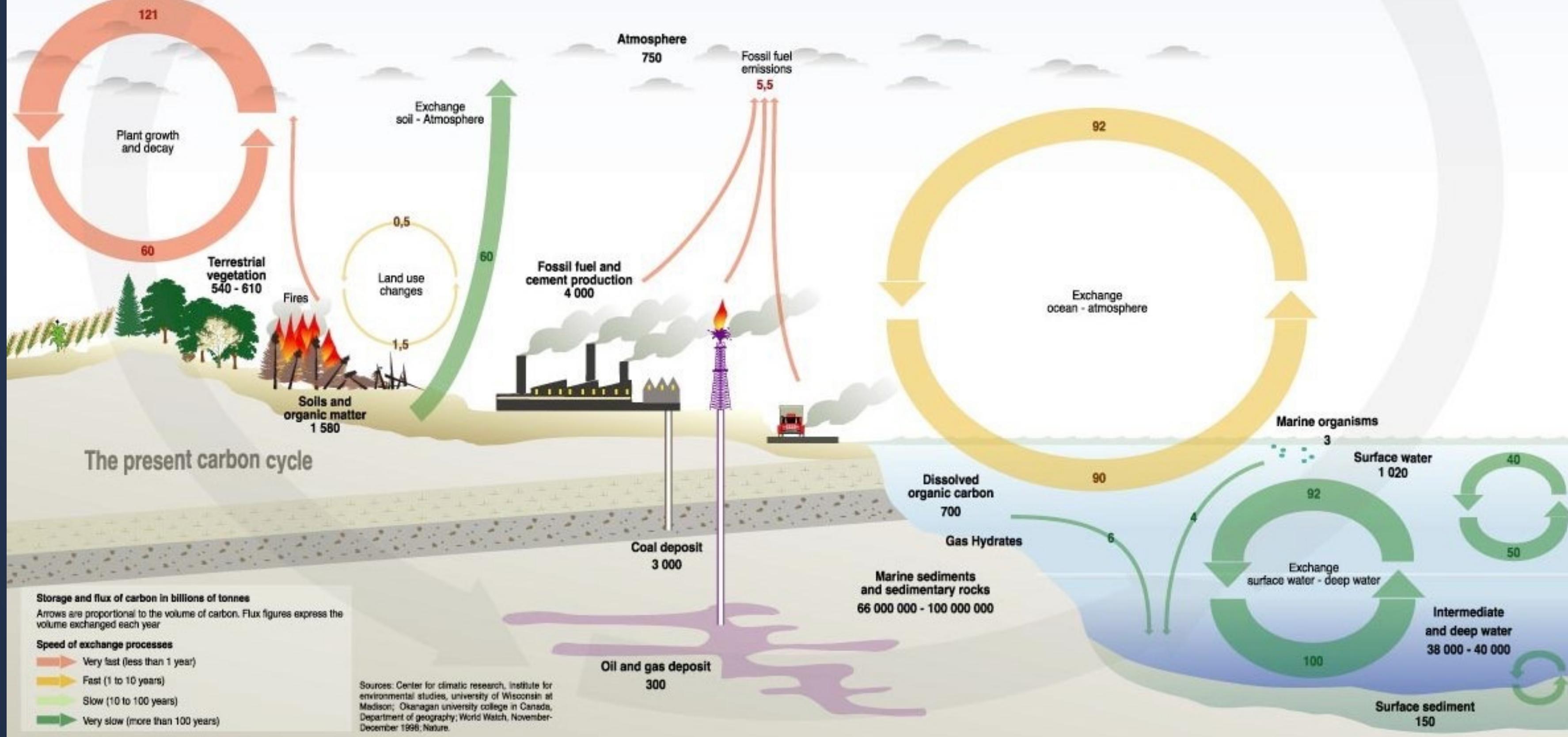
- Technocracy
- Misguided Anthropocentrism

Technocracy

- ❑ ? control of nature
- ❑ ? fragmentation

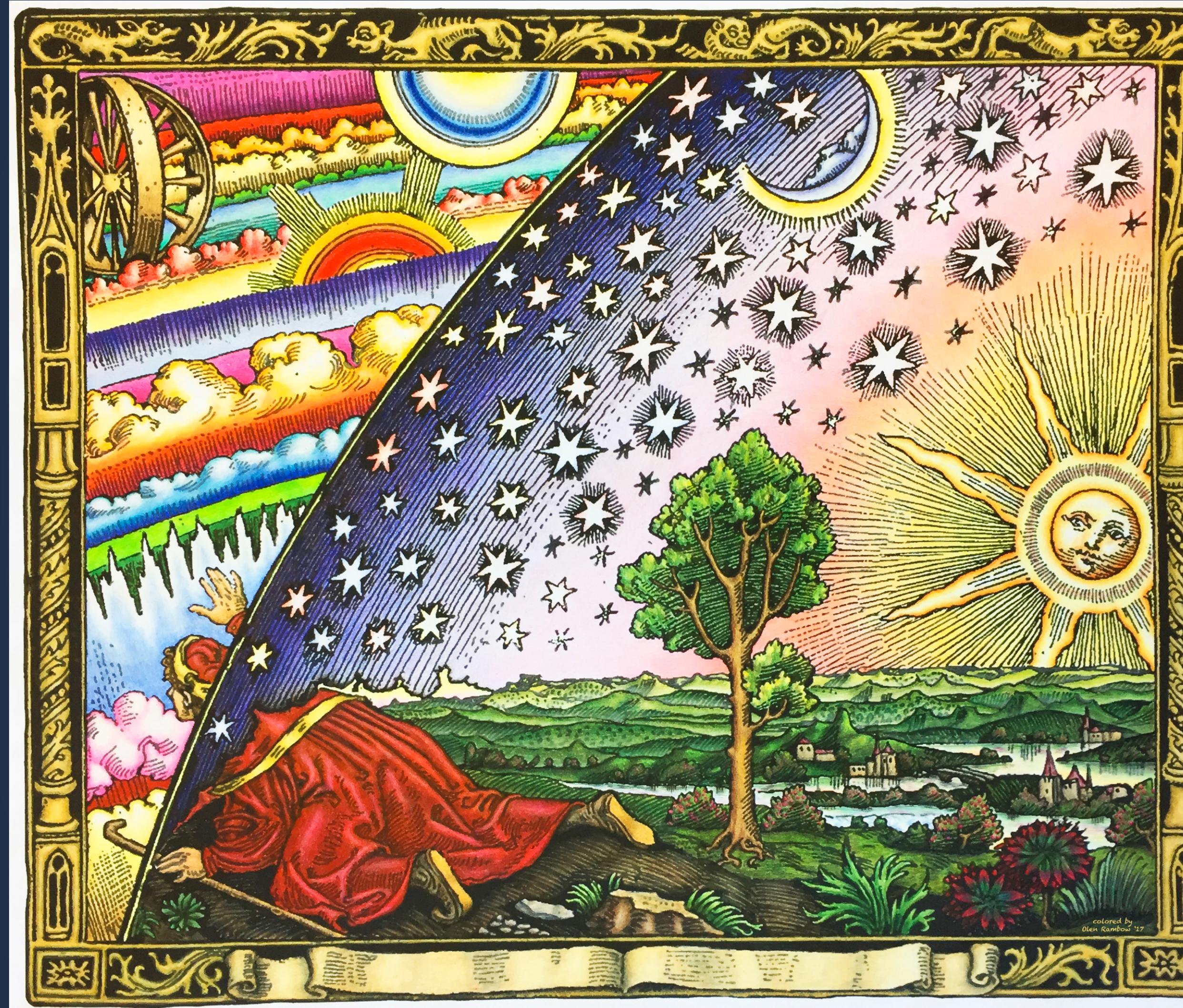


The Carbon Cycle



Carbon cycle. (2005). In UNEP/GRID-Arendal Maps and Graphics Library.
Retrieved 05:36, June 22, 2008 from http://maps.grida.no/go/graphic/carbon_cycle.

TECHOCRACY



- Fragmentation
- Separation

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ANTHROPOCENTRISM: Misguided sense of place

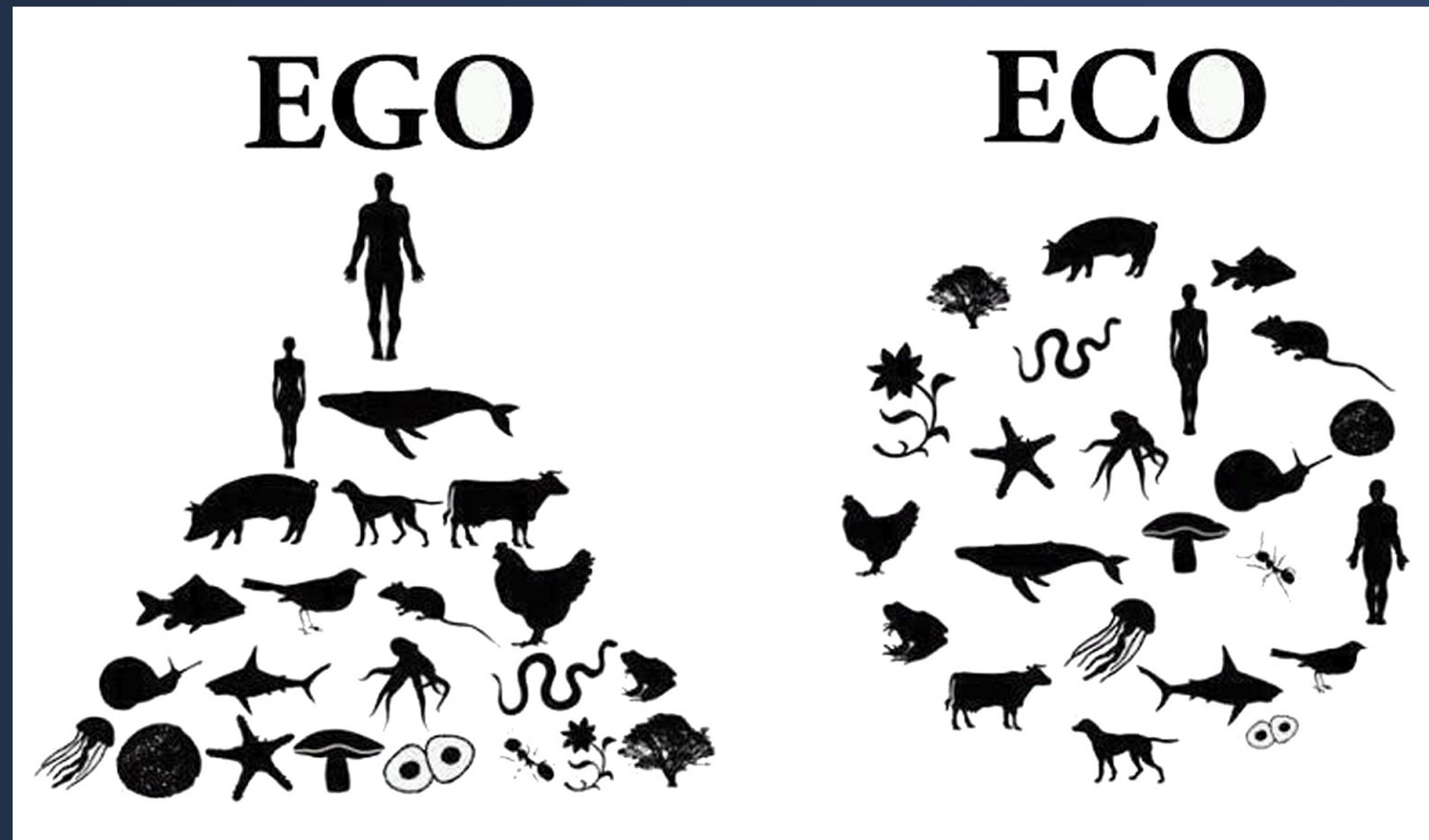


Image: kindredspiritus.wordpress.com

False Superiority (Human Exceptionalism)

False Inferiority (Human Mediocrity)

OUR RESPONSE AND SOME PATHWAYS OF HOPE:

- An integral way of looking
- Leadership of the commons
- Educating persons and culture
- An ecological spirituality



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<https://pangasinan.gov.ph/wp-content/uploads/2018/02/mangrove-2.jpg>

Together, look at
creation whole.

Lead the commons.



Lake Palakpakin, Laguna

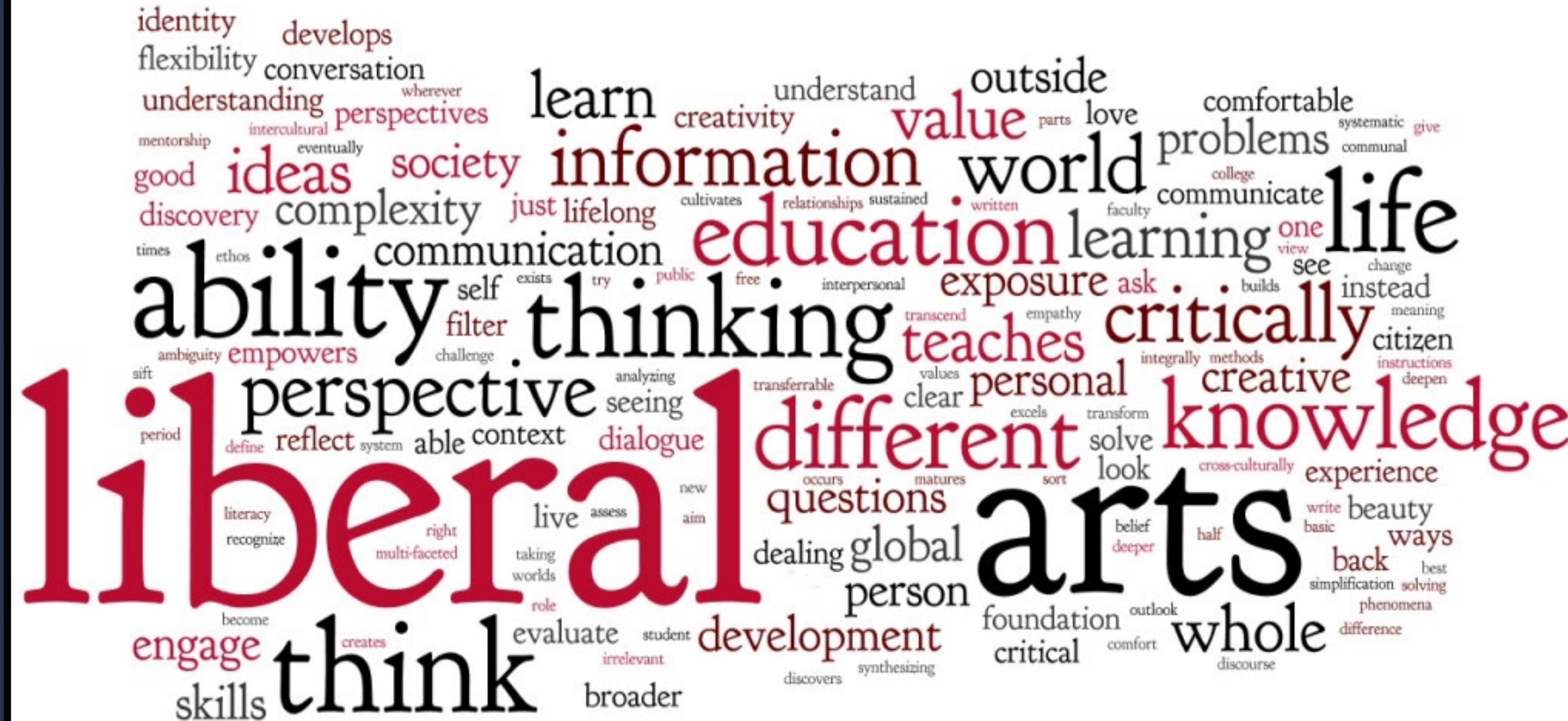


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FORM THE WHOLE PERSON

Value of Liberal Arts Education



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<https://bicoltoday.com/2011/08/26/sixth-grader-becomes-a-national-pride/>

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Educate persons
and cultures.



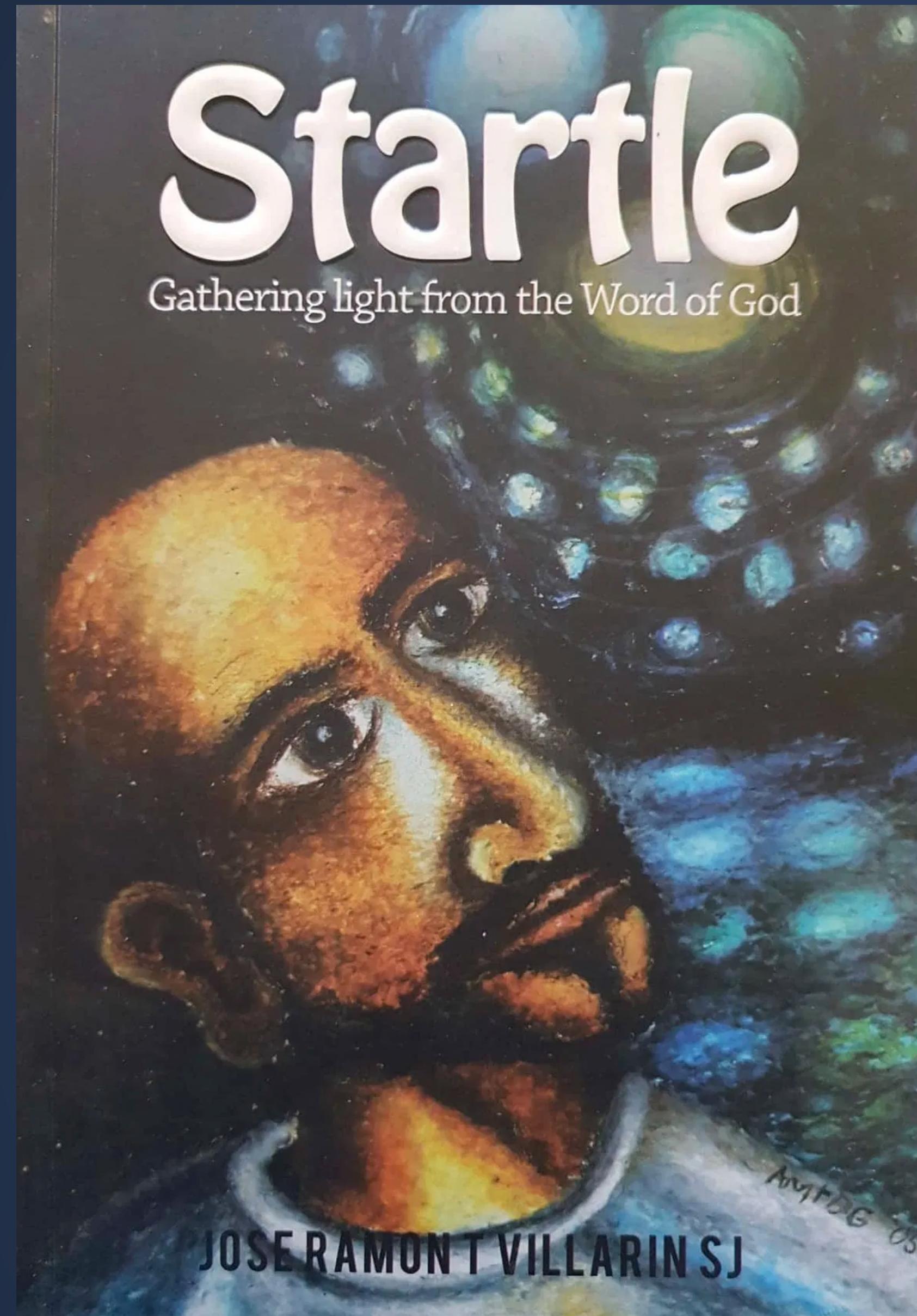
Hieronymus Bosch, The Garden of Earthly Delights

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Discover God again.

“The Lord God then took the man and settled him in the garden of Eden, to cultivate ('abad') and care ('shamar') for it.” (Gen 2:15)

“abad” – to till, work, cultivate
“shamar” – to keep, guard, preserve



Reconnect to God

- Deepen our spiritual connections to self, others, and creation.
- Contemplative-in-action

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TOP 10 LIST OF SIMPLE STEPS

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TOP 10 LIST OF SIMPLE STEPS



http://newsinfo.inquirer.net/files/2015/01/18_PopeTacloban13.jpg

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10. Say grace before
and after meals.

TOP 10 LIST OF SIMPLE STEPS



9. Climb a mountain (dive the sea).

<https://unsplash.com/@joannecaselynsuarez>

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TOP 10 LIST OF SIMPLE STEPS



8. Unplug
and savor the silence.

TOP 10 LIST OF SIMPLE STEPS



7. Repair something broken.

TOP 10 LIST OF SIMPLE STEPS



6. Get to know a poor person.

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TOP 10 LIST OF SIMPLE STEPS



5. Try fasting.

TOP 10 LIST OF SIMPLE STEPS



4. Go read a book
to children.

TOP 10 LIST OF SIMPLE STEPS



adb.org

3. Care for
some space
that belongs
to everyone.

TOP 10 LIST OF SIMPLE STEPS



<http://www.wardie.org.uk/>

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2. If you're
Catholic,
receive
communion.

TOP 10 LIST OF SIMPLE STEPS



<https://www.chamellephotography.com/wp-content/uploads/2016/10/Amelie-12-screencapture-tin-toys-closeup.jpg>

1. Make a box for your valuables.

Arigato gozaimasu, Shoichi Kodoh



R. Gavino / Philippine Embassy in Tokyo

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