













Aim

REIMAGINING THE FUTURE OF UNIVERSITIES IN THE 21ST CENTURY

FOCUS:

UN-2030 Vision: a "just, sustainable and peaceful world"

THEMES

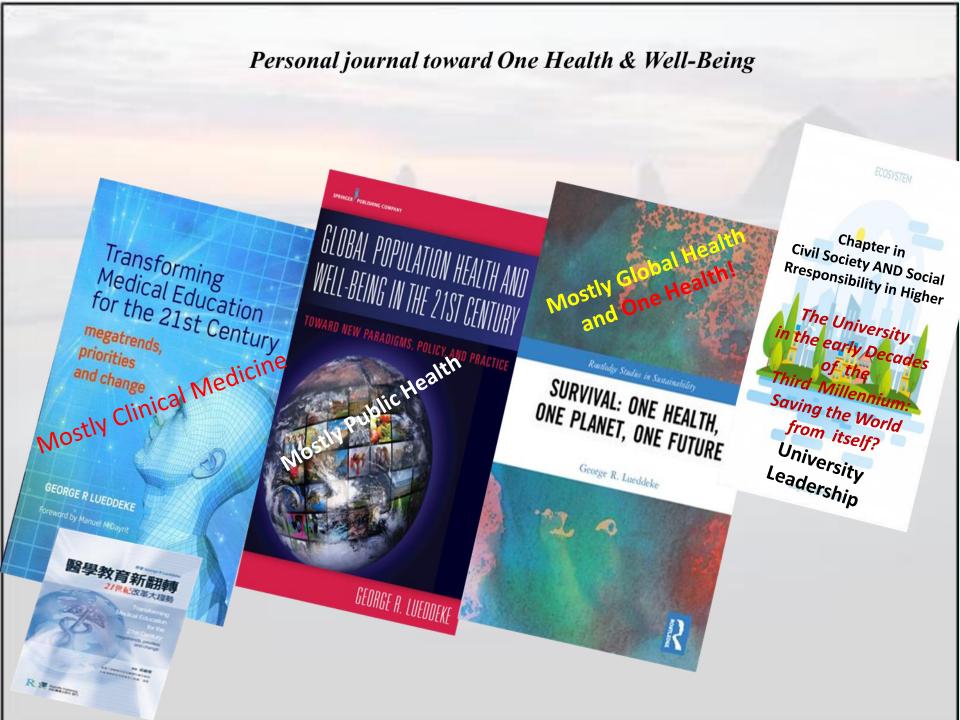
A case for societal transformation

- "The 'big' picture" (P1)
- Global responses (P2)

Learning is key!

- Toward a new worldview (P3)
- Reflections on 21st century education and research (P4)

Q/A















A. The 'Big Picture'













A. The 'Big Picture'

Putting things in perspective

Earth Evolution

13.7 billion years ago (YA): matter, energy, time, space

13.2 billion YA: atoms and molecules

3.8 billion YA: organisms

2.0 billion YA: energy cell - rise to complex life

c. 2.5 MYA.. humans - but just another species

c. 200,000 YA modern *Homo sapiens* – African continent

Revolutions Shaping the Course of History

C. 70, 000 YA: Cognitive Revolution

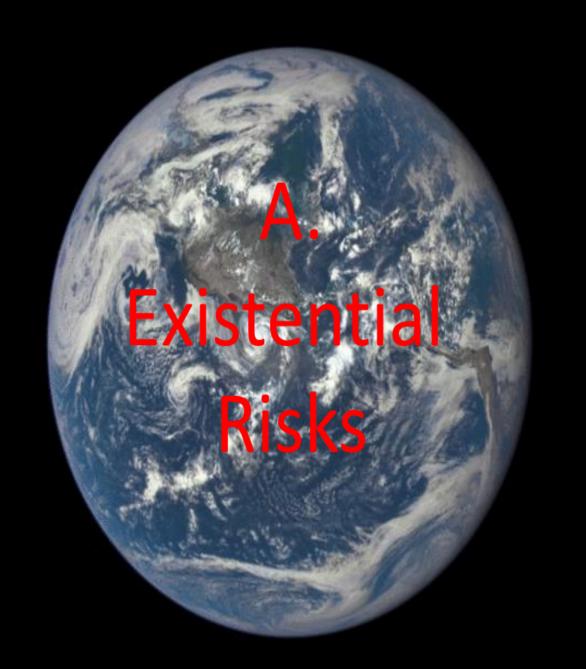
c.12,000 YA: Agricultural Revolution

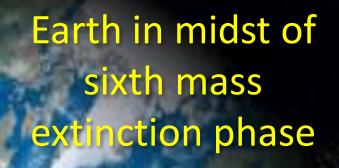
c.500 YA: Scientific Revolution

c. 80 YA: first antibiotic (1935!)

c. 30 YA: Information Revolution

Present:Sustainability Revolution?





Anthropocene Period

Human activity dominant influence on climate and the environment!

"Since 1950s animal populations have more than halved."

Sir David Attenborough (2020)

Climate Change

Paris Climate Agreement-Dec 2015

(Signed by 197 Nations ratified by 187 nations Nov 2019)

Emit c. 34 gigatons of CO2 per year. Most remains in atmosphere for thousands of years

Keep long-term average temperature increase to 1.5°C above pre-industrial levels

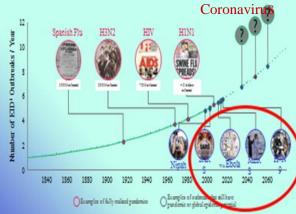
?





The threat of viral outbreaks will grow rapidly...

Largely driven by population growth, wildlife encroachment, and globalization





Other global risks

@GlobalAgDev | #GlobalAg thechicagocouncil.org/globalag







mismatch between our genetic make-up and our 21st century lifestyles?

Modernity:



Al vs Humanity?

"AI IS LIKELY TO BE EITHER THE BEST OR WORST THING TO HAPPEN TO HUMANITY. STEPHEN HAWKING

> "ARTIFICIAL INTELLIGENCE (AI) IS AN INFANT AT BEST. ONCE IT BECOMES A TEENAGER AND BELIEVES IT IS SMARTER THAN ITS PARENTS WILL AI REBEL?"-DAVE WATERS















Poll 1

What is the main obstacle to addressing global risks?

- A. Lack of funding ___
- B. Lack of awareness___
- C. Lack of commitment___
- D. Other____













B. Global Response















TO END POVERTY, PROTECT THE PLANET AND ENSURE THAT ALL PEOPLE ENJOY PEACE AND PROSPERITY BY 2030."















Need for commitment to new global values, principles and actions!













Time to Stop, Think and Do!

The One Health
& Well-Being Concept

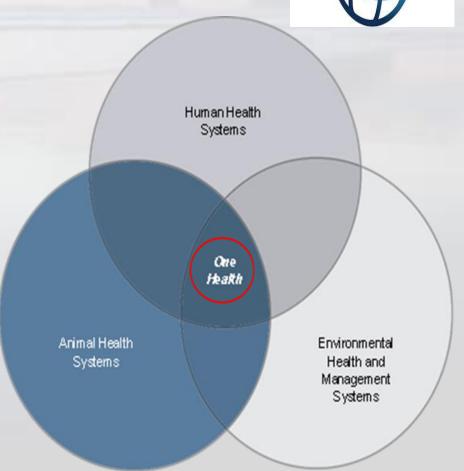
movement - approach philosophy?

- Interconnections among humans, animals, plants in a shared environment
- Collaboration across sectors

Sustainability!

World Bank One Health Operational framework

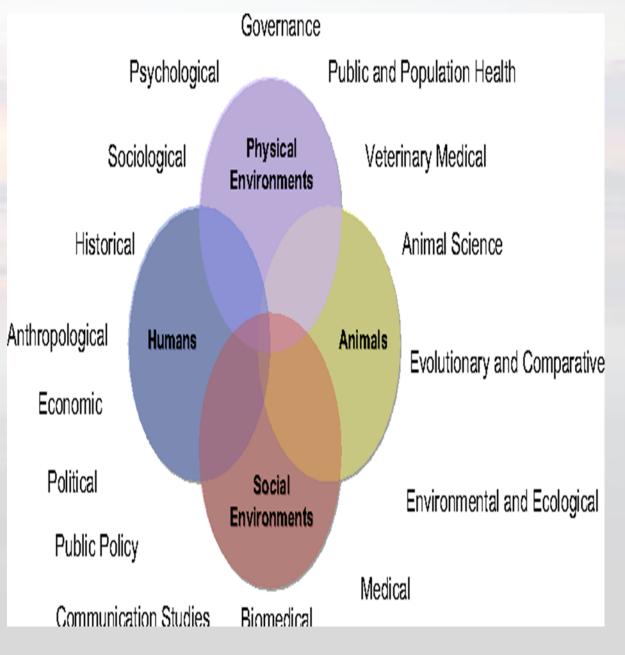




The One Health & Well-Being Concept

Applies to the planet and *all* species

All disciplines, policies & Strategies















POLL 2

What main lesson is the world learning from Covid-19?

- A. That we must learn to rise above beliefs that divide us____
- B. That survival of our planet depends on adopting new values___
- C. That rhetoric must be turned into life-saving action on the ground__
- D. Other?













Learning is key!

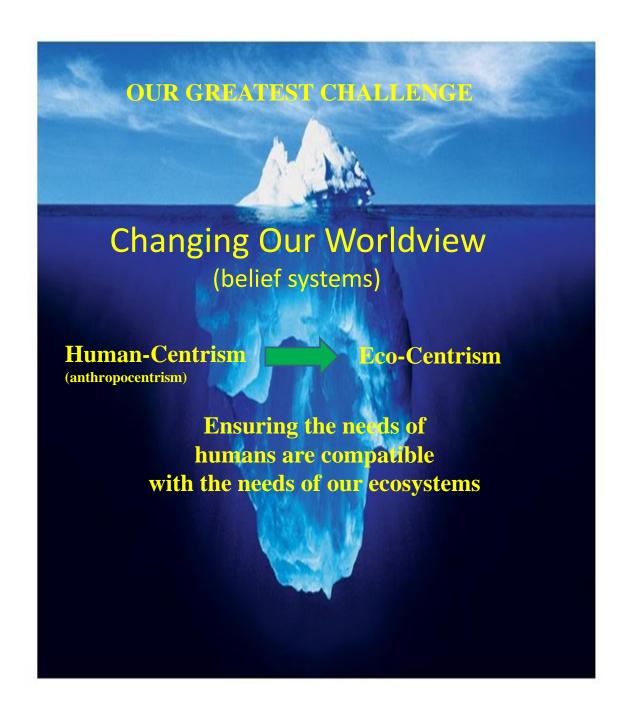
C.
Toward a new
worldview

Towards a New Normal

Covid-19 World

Societal & Workforce Development

NEW VALUES,
KNOWLEDGE
& COMPETENCIES



Biosphere is now the master!

"For a start, we need to accept that business and finance are the servants of our civilization, not its masters."

Edward Lucas (former senior editor at *The Economist*):

