Sustainability science for evidence-based decision making about HEALTH

Prof Tony Capon

Director

International Institute for Global Health

UNITED NATIONS
UNIVERSITY

Post-2015 Development Agenda

- Integrative approach to sustainable development and poverty eradication
- All member states need to sign up for change
- Contraction and convergence (positive for health)

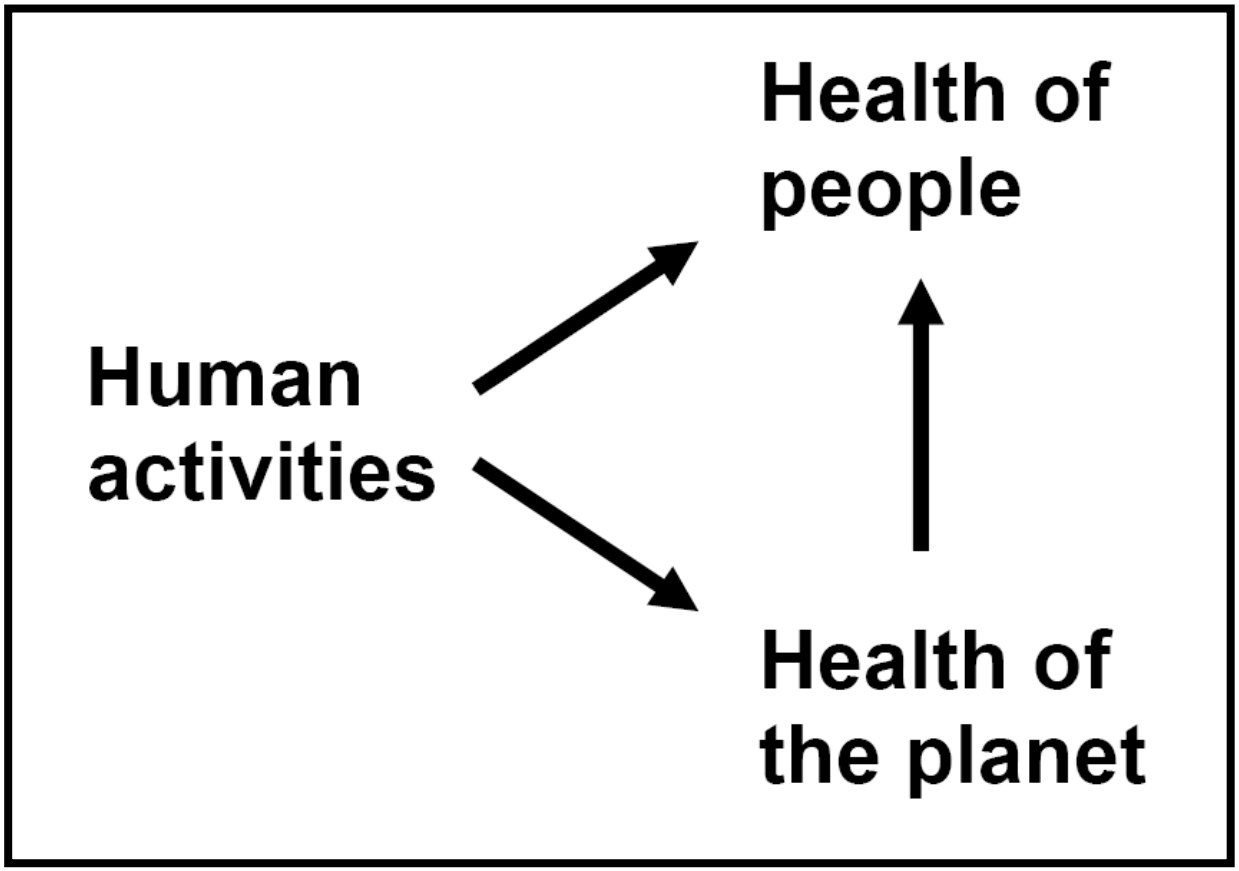
UNITED NATIONS UNIVERSITY

Health in Post-2015

- Health as <u>input</u> to development
- Health as <u>outcome</u> of development
- Health is relevant to <u>all</u> SDGs

UNITED NATIONS UNIVERSITY

Boyden's biosensitivity triangle



UNITED NATIONS UNIVERSITY

THE LANCET

Commission on Planetary Health

THE ROCKEFELLER FOUNDATION

THE LANCET

Commission on Planetary Health

THE ROCKEFELLER FOUNDATION

- Proposed by Dr Richard Horton, Lancet Editor
- Chaired by Professor Sir Andy Haines, LSHTM
- Speaks to the Post-2015 Development Agenda
- Report expected to be published in July this year

ICSU
International Council for Science

UNITED NATIONS
UNIVERSITY

iamp
the interacademy medical panel

Health and Wellbeing in the Changing Urban Environment using Systems Approaches

http://www.icsu.org/what-we-do/interdisciplinary-bodies/health-and-wellbeing-in-the-changing-urban-environment

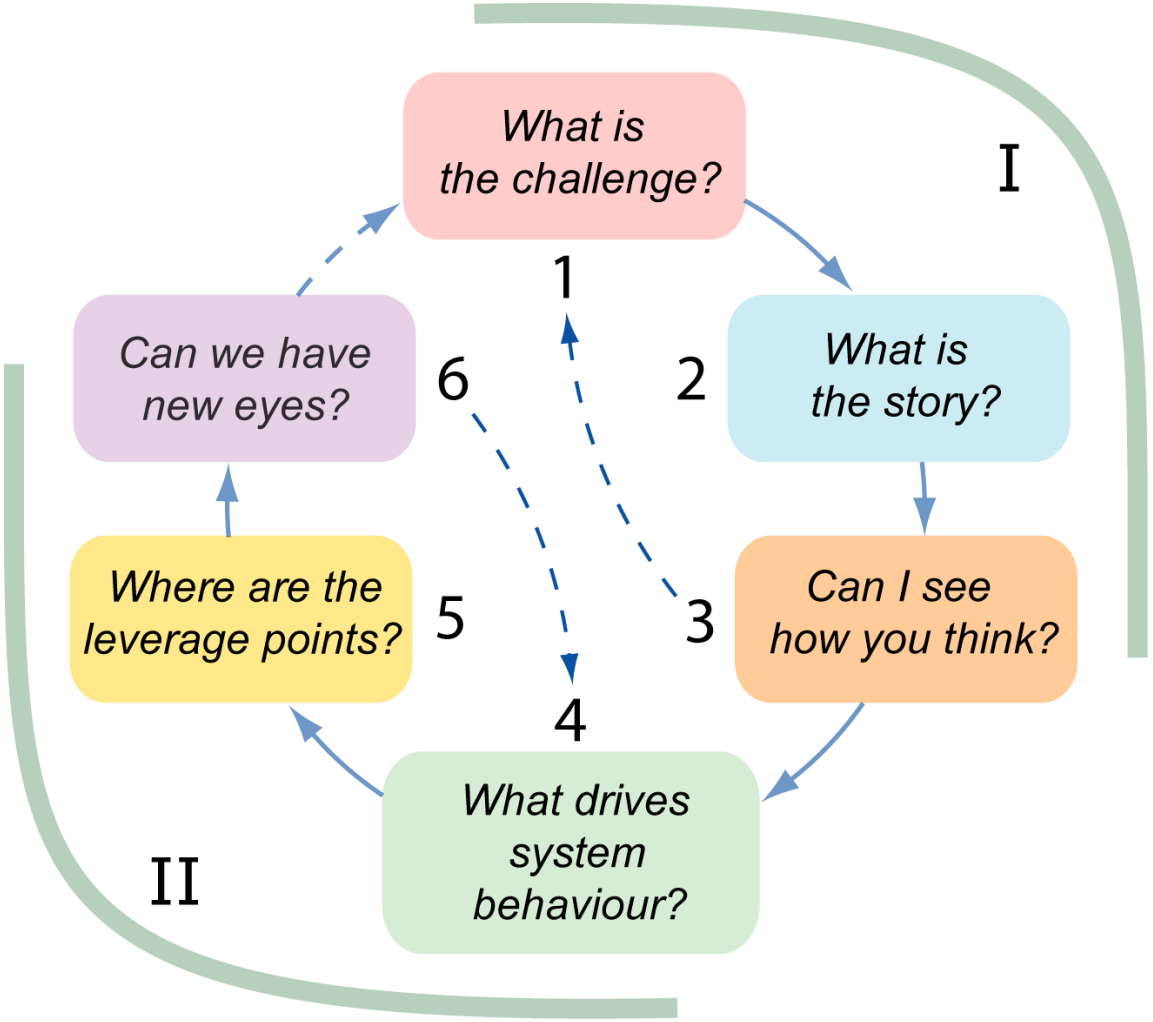
International programme office
Chinese Academy of Sciences
Xiamen, China

Systems thinking

- Dynamic interactions
- Feedback
- Policy resistance
- Leverage points
- Unintended consequences

Collaborative conceptual modelling

(Newell and Proust)



UNITED NATIONS UNIVERSITY

Key messages

- The post-2015 development agenda aims to integrate sustainable development and poverty eradication
- Human health and wellbeing should be understood as both an input to development and an outcome of development
- Systems thinking and human ecological approaches can help understand policy resistance and identify intervention points
- *The Lancet* is proposing 'planetary health' as fresh way of understanding health in the post-2015 agenda, acknowledging the ecological, economic and social foundations of human health and the health of civilizations
- Planetary health is conceptually cognate with sustainability science and it is timely to rethink the way human health is framed in sustainable development discourse