



ALMA MATER STUDIORUM
UNIVERSITÀ DI BOLOGNA

Environmental Health: Where Science Meets Global Impact

Annamaria Colacci

Professor of Environmental Hygiene
BiGeA -University of Bologna

Why Environmental Health Matters?

- Environmental Health is not just important — it is one of the hottest, most critical topics of our time
- Environmental health is deeply connected to the major global challenges we face today.
- Climate change, pollution, biodiversity loss — these are not isolated issues.
- Environmental Health is at the centre of global attention because it connects the dots between health crises and environmental crises.

It's where science meets impact.

It's where you, as future professionals, can really make a difference

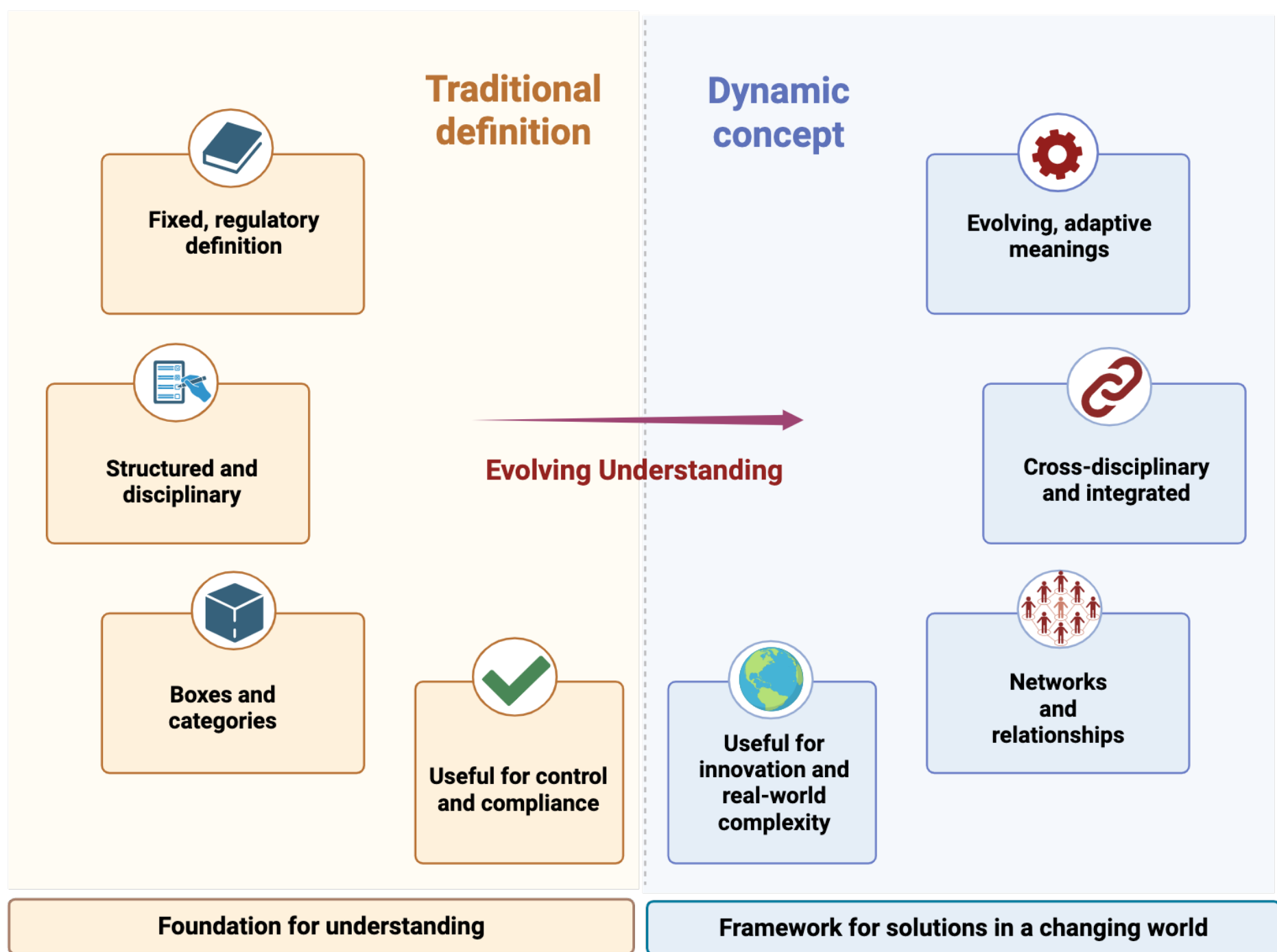


Environmental Health:the update definition

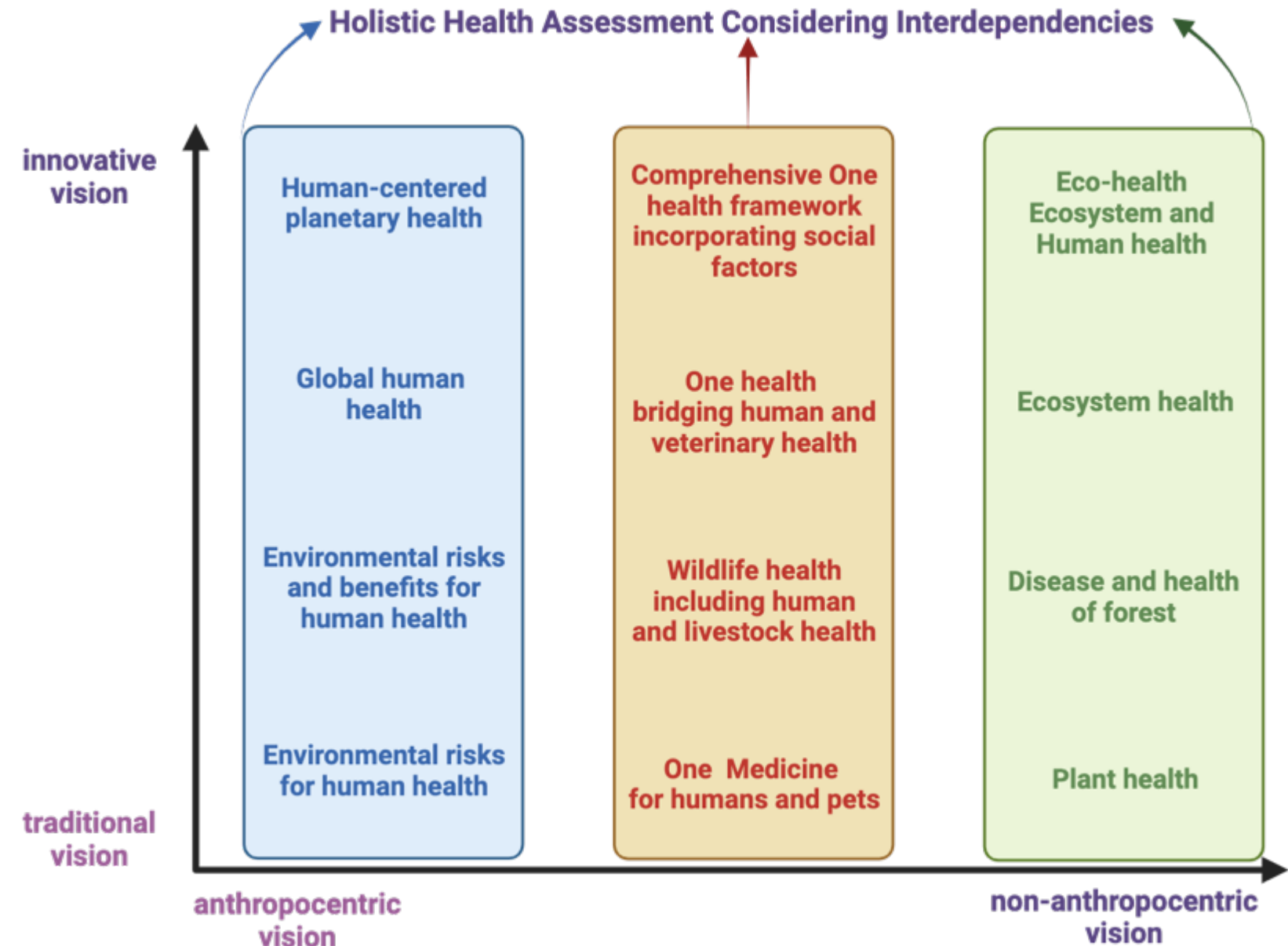
- **Environmental Health examines the interactions between environmental factors — both natural and anthropogenic — and human health, with the goal of preventing diseases, promoting well-being, and ensuring safe and sustainable living conditions.**
- *Beyond identifying environmental risks, Environmental Health actively promotes favourable environmental conditions that support and protect health*

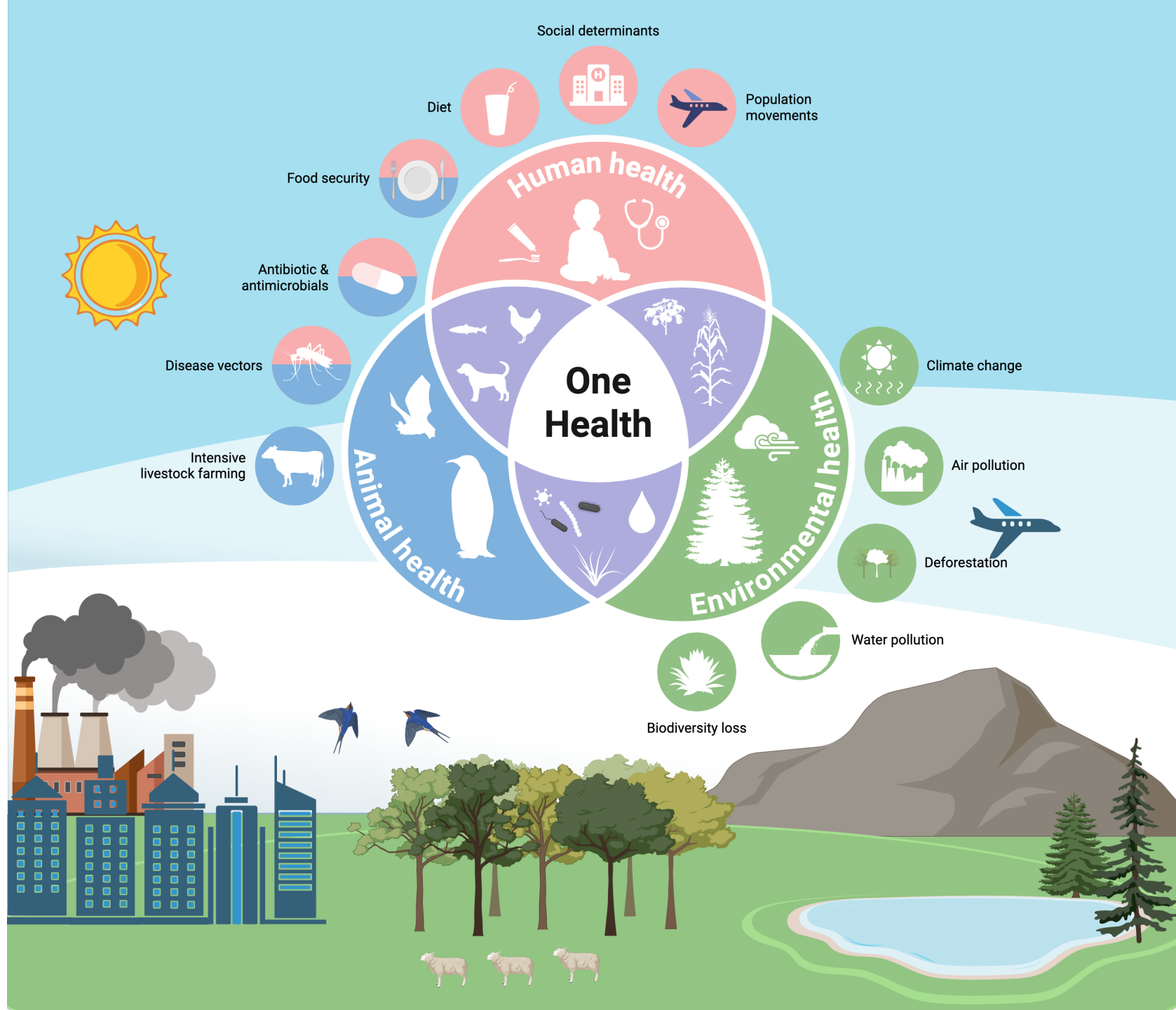
This is the foundation of our journey



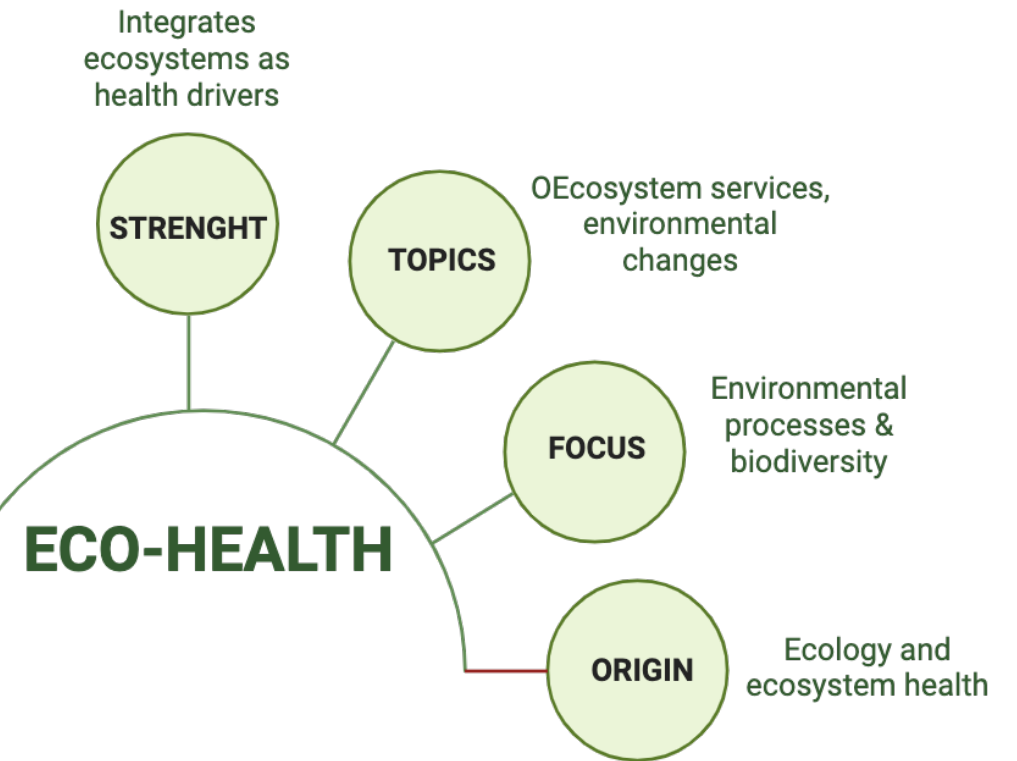
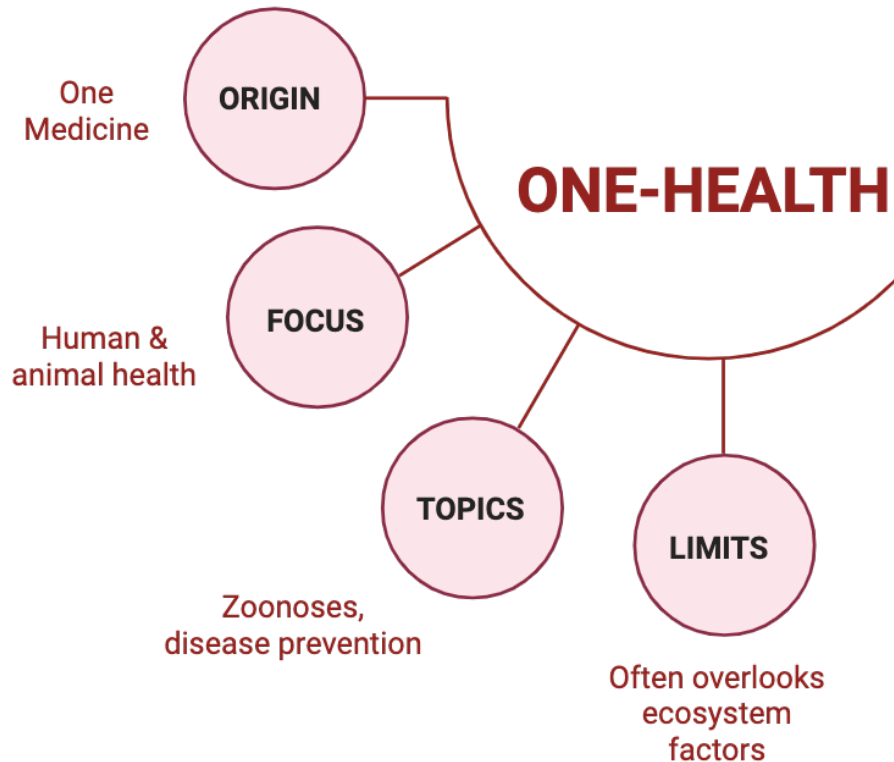


Legacy vision vs Forward-Thinking Perspective



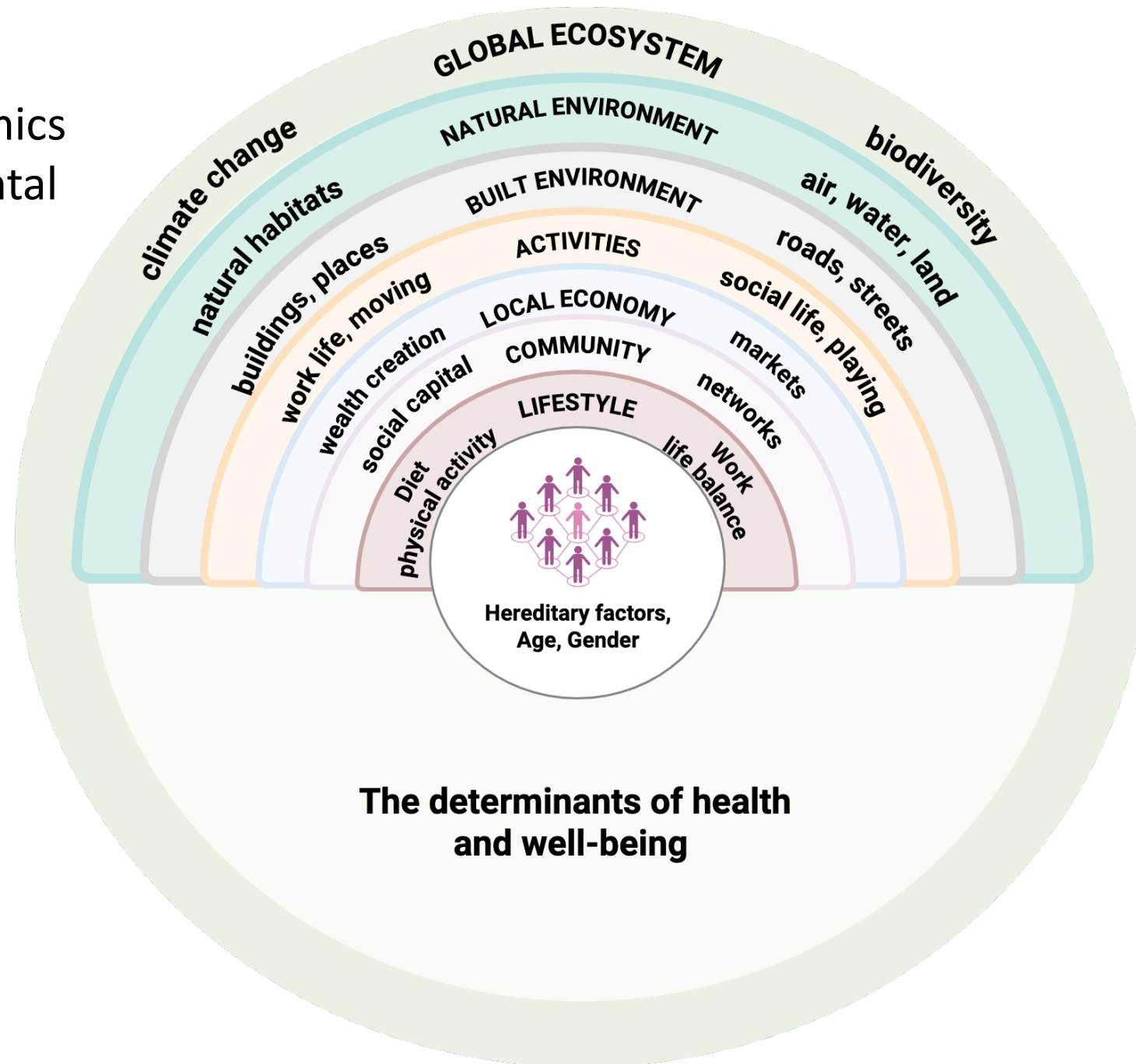


One-Health tends to prioritise human and animal health, focusing primarily on zoonotic diseases and food security, with less attention to the broader, systemic role of ecosystems



Eco-Health places the environment at the heart of the health equation, recognising ecosystems not only as sources of risk, but as foundations for health and well-being.

Circular Dynamics in Environmental Health



What is Environmental Health, really

- From the determinants influencing health outcomes to the interconnected realms of One Health and Eco-Health—it becomes apparent that environmental health, by its very nature, is a holistic approach.
- It extends far beyond the singular focus on human health or ecosystem health; it encapsulates the intricate dance between the two.
- In recognizing this interconnection, we embark on a journey that transcends conventional boundaries, fostering a perspective that is inherently respectful of the delicate balance that sustains life on our planet

Join Us on This Journey for Your Third Year Experience



..... and...

- ... *join me on this journey through Environmental Hygiene,*
 - a path with many stops: from exposure science to risk assessment, from prevention strategies to the promotion of healthy environments.
 - each stop along the way will reveal new insights, new tools, and new perspectives for making a real difference in the world
 - At each stage, you will gain knowledge and skills to turn challenges into opportunities for public health.





ALMA MATER STUDIORUM
UNIVERSITÀ DI BOLOGNA

Thank you for listening

Annamaria Colacci

annamaria.colacci@unibo.it

www.unibo.it