

idc

innovation advisory committee

planetary and  
global health

ANA Innovation Advisory Committee

# PLANETARY & GLOBAL HEALTH

[www.nursingworld.org/innovation](http://www.nursingworld.org/innovation)

# 1%

of the global population breathes healthy air, with air pollution causing 6.7 million deaths annually air (UICC)<sup>1</sup>



# 6/9

of the planetary boundaries identified as safe for humanity have been crossed (Mongabay)<sup>2</sup>

# 68%

decline of worldwide wildlife populations on average since 1970 (World Wildlife Fund)<sup>3</sup>



# 80%

of people displaced by climate change are women (UNHR OHCR)<sup>6</sup>

# 1.5°C

is the global temperature rise ceiling to avoid catastrophic climate warming (Intergovernmental Panel on Climate Change)<sup>7</sup>

# 1K-10K

times higher rate of extinction today than the natural extinction rate (World Economic Forum)<sup>4</sup>

# 5g

of plastic is the average amount of plastic a person could ingest weekly (World Wildlife Fund)<sup>5</sup>

# 5%

of the world's indigenous population stewards 80% of the world's biodiversity (World Wildlife Fund)<sup>8</sup>

# 45%

of greenhouse gas emissions must be reduced by 2030 to reach net zero by 2050 (United Nations)<sup>9</sup>

<sup>1</sup> <https://www.uicc.org/news/air-pollution-existential-crisis-reversing-progress-made-cancer-control> ; <https://www.nursingworld.org/organizational-programs/magnet/> | <sup>2</sup> <https://news.mongabay.com/2023/11/beyond-climate-oil-gas-and-coal-are-destabilizing-all-9-planetary-boundaries/> | <sup>3</sup> <https://www.worldwildlife.org/magazine/issues/summer-2021/articles/a-warning-sign-where-biodiversity-loss-is-happening-around-the-world#:~:text=A%20warning%20sign%3A%20where%20biodiversity%20loss%20is%20happening%20around%20the%20world,-issue%3A%20Summer%202021&text=WWF's%202020%20Living%20Planet%20Report,and%20amphibian%20populations%20since%201970> | <sup>4</sup> <https://www.weforum.org/agenda/2023/02/how-to-stop-sixth-extinction-crisis/#:~:text=Nature%20and%20Biodiversity,Follow&text=The%20environment%20around%20us%20is,is%20the%20sixth%20extinction%20crisis> | <sup>5</sup> [https://www.panda.org/wwf\\_news/7348337/Revealed-plastic-ingestion-by-people-could-be-equating-to-a-credit-card-a-week](https://www.panda.org/wwf_news/7348337/Revealed-plastic-ingestion-by-people-could-be-equating-to-a-credit-card-a-week) | <sup>6</sup> <https://www.ohchr.org/en/stories/2022/07/climate-change-exacerbates-violence-against-women-and-girls#:~:text=It%20is%20estimated%20that%2080,High%20Commissioner%20for%20Human%20Rights> | <sup>7</sup> <https://www.ipcc.ch/sr15/> | <sup>8</sup> <https://www.worldwildlife.org/stories/recognizing-indigenous-peoples-land-interests-is-critical-for-people-and-nature> | <sup>9</sup> <https://www.un.org/en/climatechange/net-zero-coalition>



# 1 in 5

people have experienced at least one form of discrimination prohibited under international human rights law (United Nations)<sup>1</sup>



# 24M

learners are at risk of never returning to school (United Nations)<sup>2</sup>



# 700M+

of people live in countries with high and critical levels of water stress (United Nations)<sup>6</sup>

# 99%

of the world's urban populations breathe polluted air (United Nations)<sup>7</sup>

# 22.7M

children missed basic vaccines in 2020 (United Nations)<sup>5</sup>

# 1 in 3

people worldwide lack access to adequate food (United Nations)<sup>3</sup>



# 1/2

of all women lack access to make their own decisions on sex and reproductive health care (United Nations)<sup>4</sup>

# 30M

nurses globally could be the projected nursing workforce shortage by the International Council of Nurses (ICN)<sup>8</sup>

Increased access to high quality education and family planning for women and girls doubles as a gender equity and climate solution (United Nations)<sup>9</sup>