

ANA  AMERICAN NURSES ASSOCIATION
INNOVATION

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American Nurses Association Innovation

**planetary and global
health innovation advisory
committee**

vision

Nurses are leading innovation in healthcare, increasing access to primary care and wellness through creative delivery platforms and through the measurable improvements in health equity and social determinants of health globally, these wins are drawing significant investment into grass roots organizations that are led by communities of color, and nursing and healthcare can rapidly adapt and respond to the complex challenges facing patients, communities and our sector.

Nurses, practicing as global citizens with a planetary health lens are advancing climate justice and health equity through policy, practice, research, and education. In addition to being evident in the values and statements of professional organizations, this change is most evident in both the existence of a successful nursing workforce that is as diverse as the individuals it serves, and in the dramatic improvements in health equity observed from restorative and reparative health delivery models and practices.

Committee Members

Chair: Carol Ziegler [[LinkedIn](#)]

Secretary: Nena Bonuel [[LinkedIn](#)]

Amy Rose Taylor [[LinkedIn](#)]

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general resources

General Resources

- ANA 2008 Position Statement on Global Climate Change [\[pdf\]](#)
- Planetary Health Education Framework [\[website\]](#)

Climate + Health Care Delivery

- Climate Impact Checkup [\[website\]](#)
- Comparison chart of hospital green teams and their structure [\[article\]](#)
- Global Road Map for Health Care Decarbonization [\[website\]](#)
- Health Care Without Harm Climate Series: Path to Climate-smart, Net-zero Emissions Health Care A Grand Rounds Series [\[events and recordings\]](#)
- It's impossible to have healthy people on a sick planet [\[video\]](#)
- Neighborhoods at Risk [\[website\]](#)

Climate + Nursing

- A CLIMATE: A Tool for Assessment of Climate-Change-Related Health Consequences in the Emergency Department [\[article\]](#)
- Climate, Health and Nursing Tool [\[website\]](#)
- Critical Environmental Justice Nursing for Planetary Health: A Guiding Framework [\[article\]](#)
- Exclusive: ICD Coding and Climate-Related Psychiatry [\[article\]](#)
- How to support patients/communities in disaster preparedness [\[website\]](#)
- Incorporating environmental health data into your nursing assessment [\[website\]](#)
- ICD-10-CM Diagnosis Codes [\[website\]](#)
- Improving Assessments of Connection to Nature: A Participatory Approach [\[article\]](#)
- Nursing and Sustainable Development: Furthering the Global Agenda in Uncertain Times [\[article\]](#)
- Nursing's pivotal role in global climate action [\[article\]](#)
- Taking an Exposure History [\[article\]](#)
- Your Medical History Might Someday Include 'Climate Change' [\[article\]](#)



general resources

General Resources (cont.)

Healthcare Organizations Climate + Assessments

- How to Address Healthcare's Climate Emergency [\[article\]](#)
- How to Conduct a GHG Emission Inventory for Your Organization [\[website\]](#)
- How the US Health Care System Contributes to Climate Change [\[article\]](#)

Your Call To Action

- Climate Solutions at Work [\[article\]](#)
- Freedom Community Clinic [\[website\]](#)
- How to start an All We Can Save Circle where you work [\[article\]](#)
- Identify your role in climate action [\[video\]](#)
- Planetary Health and the Role of Nursing: A Call to Action [\[article\]](#)
- Weaving Traditional Ecological Knowledge into Biological Education: A Call to Action [\[article\]](#)



government

Government

- CDC Climate information on Health [\[website\]](#)
- CDC and Prevention Exposome and Exposomics [\[website\]](#)
- Federal Sustainability Plan [\[website\]](#)
- Mayors' Sustainable Cities [\[website\]](#)
- Office of the Federal Chief Sustainability Officer [\[website\]](#)
- WHO: Working for Health 2020-2030 Action plan [\[website\]](#)
- WHO Commercial determinants of health [\[website\]](#)
- WHO Environmentally Sustainable Health Care Facilities [\[website\]](#)
- United Nations Sustainable Development Goals [\[website\]](#)
- US Environmental Protection Agency [\[website\]](#)



legislation + policy

Legislation + Policy

- Executive Action on Climate To Address Extreme Heat & Wind Energy [[fact sheet](#)]
- Executive Order on the Implementation of the Energy Infrastructure Provisions of the Inflation Reduction Act [[article](#)]
- CT State Next Generation Science Standards - Require Climate Change Education [[article](#)]



universities + academia

Universities and Academia

- George Mason University Center for Climate Change Communication [\[website\]](#)
- School of Nursing Commitment [\[website\]](#)
- Stanford Doerr School of Sustainability [\[website\]](#)
- University of Maryland School of Nursing [\[website\]](#)
- University of Massachusetts Amherst School of Earth and Sustainability [\[website\]](#)
- University of Minnesota School of Nursing Planetary Health [\[website\]](#)
- Vanderbilt University's Climate, Health, and Energy Equity Lab [\[website\]](#)
- Yale School of Nursing Office of Global Affairs and Planetary Health [\[website\]](#)
[\[website\]](#)



businesses + philanthropy

Businesses, Non-Profits, and Programs

- The Center for Climate Change, Climate Justice, and Health at MGH Institute of Health Professions [\[website\]](#)

Philanthropy

- Tennessee Weatherization Assistance Program [\[website\]](#)



organizations + conferences

Organizations

- Alliance of Nurses for Healthy Environments (ANHE) [\[website\]](#)
- American Holistic Nurses Association [\[website\]](#)
- Canadian Association of Nurses for the Environment [\[website\]](#)
- Center for Nature and Health [\[website\]](#)
- Center for Sustainable Healthcare [\[website\]](#)
- Harvard T. H. Chan School of Public Health [\[website\]](#)
- International Council of Nurses [\[website\]](#)
- Project Drawdown [\[website\]](#)
- World Economic Forum [\[website\]](#)

Conferences

- AHNA conference [\[website\]](#)



education + training

Education and Training

- All We Can Save [\[website\]](#)
- ANHE Education Forum [\[website\]](#)
- Do Lessons in Nature Boost Subsequent Classroom Engagement? Global Consortium on Climate and Health Education [\[website\]](#)
- External climate change. . . . Internal physiologic evolution [\[article\]](#)
- Hope, Health, and the Climate Crisis [\[article\]](#)
- International Family Nursing Association Top Ten Resources for Teaching Future Nurses about Planetary Health [\[website\]](#)
- The Journal of Climate Change and Health [\[journal\]](#)
- The Planetary Health Education Framework [\[article\]](#)
- The Relational Work of Systems Change [\[website\]](#)
- Refueling Students in Flight [\[article\]](#)
- Room to Heal [\[website\]](#)



journals + textbooks

Journals, Publications + Literature Search

- Creative Nursing – Promoting Planetary Health [\[book\]](#)
- Journal of Climate Change & Health [\[website\]](#)
- Lancet Commission on Planetary Health: Safeguarding Human Health [\[website\]](#)
- Planetary Health Literature Search [\[website\]](#)

Textbooks

- A New Era in Global Health [\[book\]](#)
- Alliance of Nurses for Healthy Environments (ANHE) Environmental Health Nursing Textbook [\[book\]](#)
- United Nations Declaration on the Rights of Indigenous Peoples [\[book\]](#)



articles + research

Articles + Research

Air

- Association of Air Pollution and Heat Exposure With Preterm Birth, Low Birth Weight, and Stillbirth in the US [\[article\]](#)
- Association Between COVID-19, Air Pollution, and Climate Change [\[article\]](#)
- Environmental Defense Fund Clean air initiatives [\[website\]](#)
- Health Care Pollution And Public Health Damage In The United States: An Update [\[article\]](#)
- Mapping Cancer-Causing Industrial Air Pollution [\[article\]](#)
- World Health Organization: Air pollution [\[website\]](#)

Climate Change and Health Outcomes

- Climate change and influenza: A scoping review [\[article\]](#)
- Climate change and cancer [\[article\]](#)
- COP26: Looking forward from Glasgow by placing health at the center of climate action [\[article\]](#)
- Impact of extreme weather events on Sub-Saharan African child and adolescent mental health: The implications of a systematic review of sparse research findings [\[article\]](#)
- Increased pulmonary circulatory disease diagnosis risk associated with heatwave [\[article\]](#)
- Measuring The Impact Of Air Pollution On Health Care Costs [\[article\]](#)
- Meteorological linkage of Malaria cases in the eastern state of India [\[article\]](#)
- When disaster strikes: The role of disaster planning and management in cancer care delivery [\[article\]](#)

Ecological Footprint/Identity

- Beyond the Slogans: Understanding the Ecological Consciousness of Nurses to Advance Ecological Knowledge and Practice [\[article\]](#)
- Building Kincentric Awareness in Planetary Health Education: A Rapid Evidence Review [\[article\]](#)
- Ecological Footprint Calculator [\[website\]](#)
- The planet is the patient now: how doctors and nurses are the front-line solution to climate change [\[article\]](#)



articles + research

Articles + Research (cont.)

Ecological Footprint/Identity (cont.)

- Traditional knowledge guides protection of planetary health in Finland [\[article\]](#)
- Researchers hope to mobilize nurses to help tackle climate change [\[article\]](#)

Nature + Health

- Ecopsychology: How Immersion in Nature Benefits Your Health [\[article\]](#)
- EmotiPlant: Human-Plant Interaction for Older Adults [\[article\]](#)
- Evidence Supporting Enhanced Action on Connecting People With Nature [\[article\]](#)
- Minimum Time Dose in Nature to Positively Impact the Mental Health of College-Aged Students, and How to Measure It: A Scoping Review [\[article\]](#)
- Nature Contact and Human Health: A Research Agenda [\[article\]](#)
- Nature's Role in Outdoor Therapies: An Umbrella Review [\[article\]](#)
- People With Dementia Can Work on Farms in Holland [\[article\]](#)
- Prescribing Nature: A Physician's Perspective on Wellness and the Outdoors [\[blog\]](#)
- This is Your Mind/Body on Nature [\[article\]](#)
- The Healing Power of Nature [\[article\]](#)
- The physiological and psychosocial effects of forest therapy: A systematic review [\[website\]](#)
- Understanding the impacts of care farms on health and well-being of disadvantaged populations: a protocol of the Evaluating Community Orders (ECO) pilot study [\[article\]](#)
- What are the Benefits of Interacting with Nature? [\[article\]](#)
- What is the Best Dose of Nature and Green Exercise for Improving Mental Health? A Multi-Study Analysis [\[article\]](#)



interprofessional

Interprofessional

- Clinicians for Planetary Health (C4PH) [\[website\]](#)
- Climate for Health [\[website\]](#)
- Integrating planetary health into clinical guidelines to sustainably transform health care [\[article\]](#)
- Nutrition Facts – Dr. Michael Greger [\[website\]](#)
- Roles of health professionals in addressing health consequences of climate change in interprofessional education: A scoping review [\[article\]](#)



transdisciplinary

Transdisciplinary

- Blue Zones [\[website\]](#)
- Chickasaw Nation – Tribal Leadership on Climate Solutions; April Taylor, GISP [\[website\]](#)
- Climate Justice Alliance [\[website\]](#)
- EcoAmerica [\[website\]](#)
- Global Carbon Project [\[website\]](#)
- Greenroots [\[website\]](#)
- Green Wave [\[website\]](#)
- Indigenous Environmental Network [\[website\]](#)
- International Union for Conservation of Nature [\[website\]](#)
- Menus of Change [\[website\]](#)
- The Richmond Listening Project [\[website\]](#)
- Teaching Kitchens [\[website\]](#)
- WE ACT [\[website\]](#)





JEDI (Justice, Equity, Diversity, Inclusion)

- America's Most Destructive Habit [\[article\]](#)
- An Episode on Climate Justice & Queer and Trans Liberation [\[podcast\]](#)
- Confronting Racial and Economic Disparities in the Destruction and Protection of Nature in America [\[article\]](#)
- COP26 and False Solutions to Climate Change [\[website\]](#)
- Coronavirus and Climate Change [\[website\]](#)
- COVID-19 and Climate Change: Crises of Structural Racism [\[article\]](#)
- Environmental Justice is Racial Justice: The Whitewashing of the Environmental Movement [\[website\]](#)
- Illuminating Antiracist Pedagogy in Nursing Education [\[article\]](#)
- Indigenous & Tribal Sovereignty Policy Stances and Priorities [\[website\]](#)
- Malala Fund Publishes Report on Climate Change and Girls' Education [\[website\]](#)
- Mapping Survival [\[video\]](#)
- Native Perspectives on Sustainability: Dennis Martinez (O'odham/Chicano/Anglo) [\[article\]](#)
- None Of Us Is Free Until All of Us Are Free [\[website\]](#)
- Nursing With the People: Reimagining Futures for Nursing [\[book\]](#)
- One Health of Peripheries: Biopolitics, Social Determination, and Field of Praxis [\[article\]](#)
- Paul Farmer Believed Global Health and Health Equity Were About Teamwork [\[article\]](#)
- Placed Here, In This Calling [\[website\]](#)
- The determinants of Planetary Health: an Indigenous Consensus Perspective [\[article\]](#)
- The Interconnectedness of People and Planet [\[case study\]](#)
- Two-Eyed Seeing and other lessons learned within a co-learning journey of bringing together indigenous and mainstream knowledges and ways of knowing [\[article\]](#)
- UMN School of Nursing Planetary Health Guest Lecture: Indigenous Perspectives on Planetary Health [\[video\]](#)
- We Have Never Been Nurses Nursing in the Anthropocene, Undoing the Capitalocene [\[article\]](#)
- What Conservation Efforts Can Learn from Indigenous Communities [\[article\]](#)

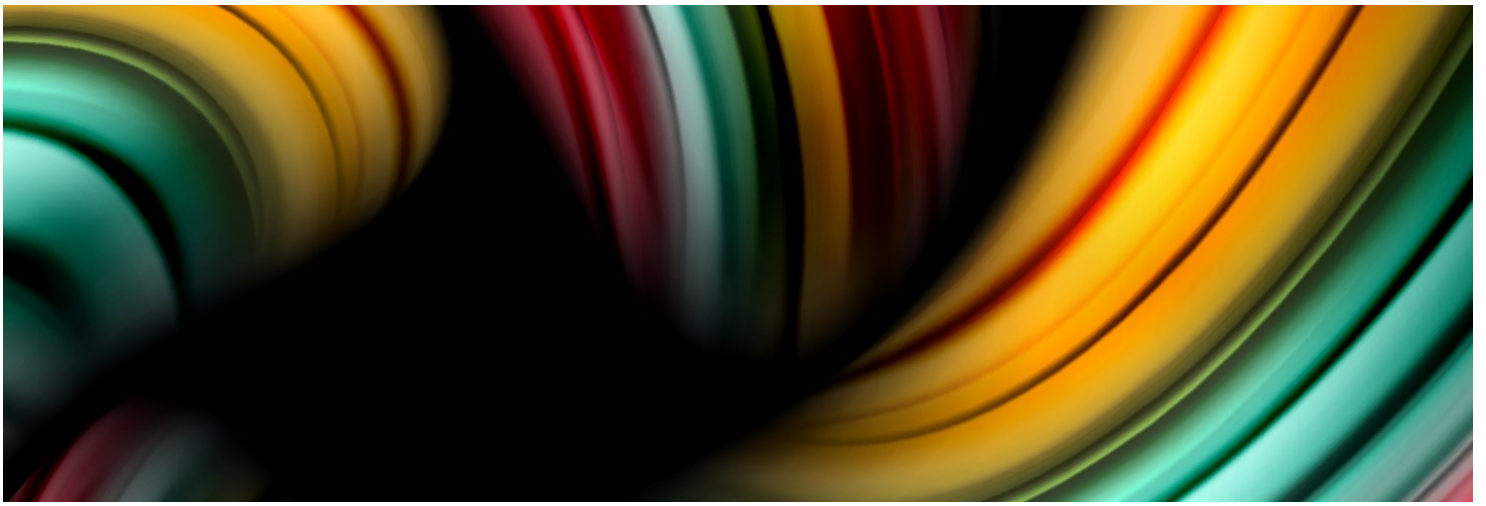


person, patient, families

Person, Patient, Families

- Joy Is The Justice We Give Ourselves [\[website\]](#)
- What If We Get This Right? [\[article\]](#)





i d c

planetary + global health

The views and opinions expressed within these resources may not reflect the positions or policies of the American Nurses Association. The resources are provided for the sole purpose of highlighting innovative work across the nursing profession. Listing of links to organizations or groups shall not be construed as an endorsement of said organizations or groups. If you have any questions or concerns, please contact us [here](#).

