



National Conclave on Nutrition & Climate Goals 2026

CALL FOR CONTRIBUTIONS

KNOWLEDGE COMPENDIUM

INTEGRATED SCIENCE OF
NUTRITION, INDOOR AIR
QUALITY AND CLIMATE
VULNERABILITY





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on Nutrition & Climate Goals 2026

FOREWORD

Child health and development are shaped by interconnected factors that go beyond food and healthcare, including nutrition, environmental exposures, and climate-related stressors. These influences interact throughout childhood—from early life to adolescence—affecting physical growth, cognitive development, immunity, education outcomes, and long-term disease risk. Children are especially vulnerable due to their biological sensitivity and dependence on household and community environments.

In many regions, undernutrition coexists with poor air quality, unsafe housing and sanitation, heat stress, and climate variability. These risks accumulate over time rather than occurring in isolation, disproportionately impacting children in resource-poor and climate-vulnerable settings. Climate change intensifies these challenges by disrupting food systems, increasing extreme weather events, shifting disease patterns, and worsening environmental exposures.

Despite strong scientific evidence, efforts in nutrition, environmental health, and climate adaptation often remain fragmented, limiting the effectiveness of policies and interventions. There is a pressing need for integrated, science-based approaches that link exposure pathways to health outcomes and translate research into scalable solutions.

The proposed knowledge compendium, to be launched alongside the National Conclave on Child Nutrition, Environmental Exposure and Climate-Linked Health Vulnerability, aims to bridge this gap. It will bring together interdisciplinary contributions to synthesize evidence, present tools and metrics for assessing child health and climate vulnerability, highlight policy insights, and showcase effective community and institutional models.

The compendium will cover themes such as integrated conceptual frameworks, disease burden from nutritional and environmental risks, climate-stressed food systems, exposure pathways, cumulative risk assessment, spatial and analytical tools, vulnerability indicators, and pathways from science to policy and practice. Overall, it seeks to promote an integrated understanding of child health that treats nutrition, environmental quality, and climate resilience as inseparable pillars of equitable and healthy child development.

COMPENDIUM FOCUS AREAS

FOUNDATIONS OF INTEGRATED CHILD HEALTH

- ▶▶ Nutrition–environment–climate linkages across childhood
- ▶▶ Systems and conceptual frameworks for integrated risk analysis
- ▶▶ Disease burden attributable to nutritional and environmental factors

NUTRITION, FOOD SYSTEMS & EARLY LIFE HEALTH

- ▶▶ Maternal nutrition, infant feeding, and environmental stressors
- ▶▶ Climate-sensitive food systems and child nutrition security
- ▶▶ Community-based nutrition interventions: evidence, gaps, and learnings

ENVIRONMENTAL EXPOSURE PATHWAYS AFFECTING CHILDREN

- ▶▶ Indoor air quality, cooking fuels, housing, and ventilation
- ▶▶ Ambient air pollution, sanitation, heat stress, and nutrition outcomes
- ▶▶ Cumulative and multi-exposure risk assessment approaches

CLIMATE-LINKED VULNERABILITIES IN CHILDHOOD

- ▶▶ Climate extremes, food availability, and childhood malnutrition
- ▶▶ Climate change and disease patterns in vulnerable child populations

TOOLS, METRICS & DECISION-SUPPORT SYSTEMS

- ▶▶ GIS, remote sensing, and spatial vulnerability mapping
- ▶▶ Indicators and indices for child health and climate vulnerability
- ▶▶ Data integration for planning, targeting, and monitoring

POLICY TRANSLATION & SCALABLE ACTION

- ▶▶ Translating science into policy and programme design
- ▶▶ NGO-led innovations and scalable community models
- ▶▶ Institutional pathways for integrated child health resilience

THE WAY FORWARD

- ▶▶ Integrated intervention pathways across early childhood stages
- ▶▶ Research gaps, data needs, and future scientific priorities





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EDITORIAL SCOPE & SUBMISSION NOTES

- ▶▶ The compendium welcomes original reviews, synthesis papers, empirical studies, methodological notes, policy analyses and well-documented case studies relevant to the overarching theme.
- ▶▶ Submissions should be original and not under consideration elsewhere. Adapted versions of project reports or field studies may be considered with appropriate disclosure.
- ▶▶ All submissions will undergo an editorial review for thematic relevance, clarity, and overall quality.
- ▶▶ Authors will be duly credited. Copyright will remain with the contributors, with permission granted for inclusion in the compendium.
- ▶▶ Manuscripts should be submitted via email at ncgconnect2026@gmail.com
- ▶▶ Detailed author guidelines, formats and templates are being circulated separately

IMPORTANT DATES

- ▶▶ **Last Date for Submission:**
22 February 2026
- ▶▶ **Compendium Release:**
14 March 2026 (at IIT Delhi during the National Conclave)

WHO SHOULD CONTRIBUTE?

- Academic researchers and scholars
- Public health, nutrition, environmental and climate scientists
- NGOs, civil society organisations and development practitioners
- Policy professionals and programme implementers
- Start-ups and innovators working on child health, nutrition, environment or climate resilience

WHY CONTRIBUTE?

- Publication in a national-level knowledge compendium
- Visibility among policy-makers, researchers, practitioners and funders
- Launch and dissemination at a national conclave hosted at IIT Delhi
- Opportunity to contribute to evidence-informed policy and practice on child health and climate resilience

CONCLAVE SECRETARIAT ADDRESS:

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FOR ANY QUERIES RELATED TO THEMATIC ALIGNMENT OR SUBMISSIONS, AUTHORS MAY CONTACT THE CONCLAVE SECRETARIAT EMAIL.