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MAGAZINE NOTES

Science Reporter April 2026 - Climate Change: A Health Emergency?

1 April 2026 ·

SCIENCE & TECH

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CURATED & WRITTEN BY

**Bharat Choudhary**

UPSC Educator & Content Creator

[in linkedin.com/in/epicbharat](https://www.linkedin.com/in/epicbharat)

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Science Reporter April 2026 - Climate Change: A Health Emergency?


Science Reporter

April 2026 (Vol 63, No. 4)

GS2
GS3

Science Reporter

CSIR · Monthly

EDITION

April 2026 (Vol 63, No. 4)

MAINS:

GS Paper 2
GS Paper 3

Science Reporter's April 2026 issue (CSIR-NIScPR, Vol 63) leads with the cover story **"Climate Change: A Health Emergency?"** by Parul R. Sheth, an Earth Day issue connecting climate science to public health, alongside features on light pollution, obesity, 3D food printing and the DST's gender-in-science schemes.

ARTICLES IN THIS ISSUE

- 1 **Climate Change: A Health Emergency?** (cover story) - vector-borne disease shifts, heat-stress mortality, NPCCHH and Heat Action Plans
- 2 **The Impact of Urban Illumination on Health and the Natural Environment** - light pollution and circadian disruption
- 3 **Obesity is a Disease** - India's double burden of malnutrition
- 4 **Targeted Schemes Bridging Gender Gaps in S&T Research** - WISE-KIRAN, GATI, Vigyan Jyoti
- 5 **3D Food Printing: Engineering the Future of Edible Innovation** - additive manufacturing of food
- 6 **Legalome: When Microbes might Force you to Commit Crimes** - gut microbiome meets law
- 7 **Dr B.R. Chatterjee: An Unsung Architect of the Leprosy Eradication Programme** - history of Indian public health
- 8 **Plus:** stroke recovery, forensic science aboard space stations, Earth Day quiz features

KEY CONCEPTS

TERM	MEANING
NPCCHH	National Programme on Climate Change and Human Health, run by NCDC under MoHFW
Heat Action Plan	City/state advisory and response framework against heat-wave mortality (Ahmedabad pioneered)
Light pollution	Excess artificial light disrupting circadian rhythms and ecosystems
WISE-KIRAN / GATI / Vigyan Jyoti	DST schemes for women and girls in science; GATI is modelled on the UK's Athena SWAN
3D food printing	Layer-by-layer additive fabrication of food from edible "inks"
Legalome	Emerging idea that the gut microbiome may influence behaviour and legal responsibility

PRELIMS POINTERS

- Earth Day: April 22
- NPCCHH operates under the National Centre for Disease Control (NCDC), MoHFW
- GATI (Gender Advancement for Transforming Institutions) is a DST scheme modelled on Athena SWAN
- Vigyan Jyoti targets girl students of Classes 9-12 for STEM
- WHO classes obesity as a disease; India carries a double burden of under- and over-nutrition

UPSC GS RELEVANCE

- **GS3:** climate-health linkages, food technology
- **GS2:** health programmes (NPCCHH), women-in-science schemes
- **GS1:** society (gender gaps in research)

1 Chapters in this Edition

1

Climate Change: A Health Emergency?



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[in linkedin.com/in/epicbharat](https://www.linkedin.com/in/epicbharat)[Read Full Article on Ujiyari →](#)<https://ujiyari.com/magazines/2026/science-reporter-april-2026/>

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