IIHMR UNIVERSITY

Online Certificate Programme

Climate Change and Health

Understand Climate. Protect Health. Build Resilience.



Background

Climate change is one of the most significant public health challenges of the twenty-first century, with rising temperatures, extreme weather events, air pollution, changing disease patterns, and environmental degradation increasingly affecting human health and health systems. Vulnerable populations, including children, older adults, women, and socioeconomically disadvantaged communities, are disproportionately affected.

This Online Certificate Programme is designed to build the capacity of public health professionals, healthcare managers, policymakers, development practitioners, researchers, and environmental professionals through an interdisciplinary approach covering climate science, environmental health, disaster risk reduction, climate-resilient health systems, climate policy, One Health, and sustainable development. The curriculum combines conceptual learning with case studies, simulations, expert sessions, and applied projects, enabling participants to develop practical solutions for climate-related health challenges.

Objectives

- Develop a comprehensive understanding of climate science, environmental change, and their implications for public health.
- Examine the health impacts of climate change on vulnerable populations, communities, and health systems.
- Build competencies in climate risk assessment, vulnerability analysis, adaptation planning, and disaster risk reduction.
- Strengthen knowledge of national and global climate policies, One Health, and climate-resilient health systems.
- Enable participants to design evidence-based climate adaptation and mitigation strategies for improved public health outcomes.

Pedagogy

The programme adopts an interactive, learner-centered, competency-based, and practice-oriented approach that connects climate science with public health application. Participants learn through case studies, problem-based learning, group discussions, simulations, practical exercises, policy reviews, expert-led sessions, and guided self-learning, culminating in a capstone project focused on addressing real-world climate and health challenges within institutional or community settings.



Course Contents

- Climate Science and Environmental Health
- Climate Change and Public Health: Diseases & Vulnerable Populations
- Climate Adaptation and Disaster Risk Reduction
- Climate-Resilient Health Systems
- Climate Policy, Governance and Sustainable Development
- One Health, Community Resilience and Sustainable Development
- Climate Risk & Vulnerability Assessment
- Climate Action, Mitigation, ESG and Climate Finance
- Capstone Project: Case Studies and Climate Action Planning

Programme Duration

Duration: 3 Months (12 Weeks)

Learning Hours:

- 24 Hours Online Instructor-led Sessions
- 24 Hours Guided Self-learning

Credits: 3 Credits

Mode: Live Online (Faculty-led sessions with hands-on practical learning)

Programme Highlights

- Climate Change, Public Health, One Health & Climate Risk & Vulnerability Assessment
- Disaster Risk Reduction and Climate-Resilient Health Systems
- Climate Policy, Governance and Sustainable Development
- Aligned with WHO, IPCC, Paris Agreement, SDGs & NAPCCHH
- Case Studies, Simulations, Practical Exercises & Expert-led Sessions
- Capstone Project with Real-world Climate Action Application
- Interdisciplinary Faculty and National & International Experts

Who Should Attend?

- Public Health & Healthcare Professionals
- Doctors, Nurses & Allied Health Professionals
- Environmental & Occupational Health Professionals
- Health Administrators & Hospital Managers
- Government & Development Professionals
- NGO Practitioners & Researchers
- Climate, Sustainability & ESG Professionals
- WASH & Disaster Management Practitioners
- Postgraduate Students & Graduates

Eligibility

Graduate in any discipline.
Healthcare, hospital management, public health, IT, or management experience is desirable. No prior programming knowledge is required.

Registration

For programme schedule, fee details, and registration, please contact:

Office of Online Certificate Programmes (OCP)
IIHMR University
1, Prabhu Dayal Marg, Sanganer Airport
Jaipur – 302029, Rajasthan, India
Mobile: +91 9116006536 | Tel: +91-141-3924700
Email: Onlinecertificate@iihmr.edu.in

Assessment

Participants will be evaluated through:

- Assignments and Class Exercises
- Group Activities and Presentations
- Case Study Analysis
- Internal Assessment / Audit Exercises
- Accreditation Project
- End-Term Examination

Programme fee

The programme fee for Indian participants is Rs. 30,000 plus GST (18% as applicable), and for international participants it is USD 315 plus GST (18% as applicable).

Discounts on Fee

Early Bird Discount: Nominations received with payment before four weeks of the commencement of the programme will be entitled to a 10% early bird discount.

Group Discount: Any organization sponsoring four or more participants to the programme will be entitled to a 20% discount on the total fee payable, provided that at least four participants attend the programme.

Maximum Discount: Organizations can avail themselves of both discounts, subject to a maximum discount of 20%.

Certificate

Participants successfully completing the programme and fulfilling the attendance and assessment requirements will receive a Certificate of Completion from IIHMR University, Jaipur.

Programme Coordinator



Dr. Goutam Sadhu
Professor
IIHMR University, Jaipur



Prof. Arindam Das
Professor
IIHMR University, Jaipur



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