



# **Online International Training Programme on** *Lead Poisoning and SDGs: Tackling a Health and Development Crisis in Asia and Africa*

*Advanced Study Institute of Asia (ASIA) at  
SGT University*

*and*

*African- Asian Rural Development  
Organization (AARDO)*

**28th April - 1st May 2025**



## Theme of the Programme

Lead Poisoning and SDGs: Tackling a Health and Development Crisis in Asia and Africa

## Funding Organisation

African- Asian Rural Development Organization (AARDO)

## Organiser/Training Institute

Advanced Study Institute of Asia (ASIA) at SGT University

## Duration

28th April - 1st May 2025

## Session Timings

14:00 PM - 16:00 PM Indian Standard Time

**Deadline for Application**  
**22 APRIL 2025**

## BACKGROUND

Advanced Study Institute of Asia, at SGT University in collaboration with AARDO, has conceived a four-day online international training program at ASIA from 28th April to 1st May 2025, as **Lead exposure** remains a significant yet often overlooked public health challenge in Asia and Africa, contributing to long-term health complications, educational deficits, and socio-economic inequalities. Despite growing awareness, the lack of effective regulation, monitoring, and intervention continues to endanger millions, particularly vulnerable populations such as children, pregnant women and low-income communities.

This **four-day workshop** aims to foster collaborative dialogue and actionable solutions by bringing together global experts, scientists, policymakers, and public health advocates. The sessions are designed to align with the United Nations Sustainable Development Goals (SDGs), focusing on the interconnected impact of lead poisoning on poverty (**SDG 1**), health and well-being (**SDG 3**), quality education (**SDG 4**), Reduced Inequalities (**SDG 10**), responsible Consumption and Production (**SDG 12**) and sustainable cities (**SDG 11**).

The programme will be a platform for experts and participants to share experiences and insights and engage in panel discussions, case studies, and group activities, sharing regional insights and exploring innovative strategies to address the crisis.

## **WORKSHOP OBJECTIVES:**

- Highlight regional disparities and challenges in tackling lead exposure, with a focus on Asia and Africa. Highlight the interconnectedness of lead poisoning with various Sustainable Development Goals (SDGs).
- Examine how common sources and industrial activities, unregulated production and consumption and urbanization contribute to risk of lead exposure in Asia and Africa.
- Discuss the socio-economic implications of lead exposure, particularly in impoverished and marginalized communities. Explore strategies to reduce health disparities and inequalities related to lead poisoning.
- Examine the health implications of lead exposure, including cognitive impairments and cardiovascular risks. Address the impact of lead poisoning on educational performance and long-term workforce implications.
- Discuss strategies to reduce lead contamination, focusing on informal battery recycling, soil, and water contamination.

## **EXPECTED OUTCOMES:**

- Educate participants on the sources and global impacts of lead exposure. Develop educational interventions to mitigate the effects of lead exposure.
- Promote responsible consumption and production practices to minimize lead pollution. Encourage the development of sustainable plans to reduce lead exposure in communities.
- Suggest actionable policy recommendations to reduce lead exposure and its socio-economic impacts.
- Strengthened cross-regional collaboration between experts, policymakers, and public health organizations.
- Outline further steps for continued collaboration and implementation of strategies discussed during the workshop.

## PARTICIPATION:

The training program will be attended by experts, senior officials and individuals working in the relevant field in AARDO member countries. Resource persons from the host Institute (ASIA) and other institutions having rich experiences on the subject will be invited to share their experiences and expertise with the participants.

## ESSENTIAL QUALIFICATION:

- **Public Health, Govt. Officials, and Policy Experts:** Professionals in toxicology, epidemiology, public health, and environmental science, as well as policymakers involved in health and environmental regulations.
- **Academics and Researchers:** Scholars, faculty, and researchers specializing in lead exposure, sustainability, and socio-economic impacts.
- **NGO and Industry Representatives:** Members of NGOs, civil society, and industry professionals working on lead awareness, pollution control, and public health interventions.

## MEDIUM OF COMMUNICATION:

The medium of communication is English only. The participants are expected to have a good working knowledge of English

## HOW TO APPLY:

STEP 1:

- **Log on to the link:** <http://aardo.org/formDD.php>

STEP 2:

- **Fill up the details and submit. Take print out of the filled in application form.**

STEP 3:

- **Applicants are required to sign their applications and send them along with the recommendation letter of the Nodal Ministry of AARDO (email: [iec@aardo.org](mailto:iec@aardo.org))**

## CERTIFICATE

E-Certificate authenticated with the signature of H.E. Secretary General, AARDO, and ASIA authorities will be provided after the successful completion of the training programme.

## DAY 1

### Introduction to Lead Exposure and SDGs

Session Theme: Lead Poisoning: Issue Brief

- Introduction to Lead Exposure (30 mins)
- Aligning Discussions with SDGs (45 mins)
- Group Discussion (45 mins)



## DAY 2

### Poverty Reduction (SDG 1) and Reduced Inequalities (SDG 10)

Session Theme: Socio-Economic Implications and Health Disparities

- SDG 1 - Poverty Reduction (45 mins)
- SDG 10 - Reduced Inequalities (45 mins)
- Panel Discussion (30 mins)



## DAY 3

### Health Implications (SDG 3) and Impact on Quality Education (SDG 4)

Session Theme: Impact on Cognitive Abilities and Academic Performance

- SDG 3 - Health and Well-being (1 hour)
- SDG 4 - Quality Education (1 hour)
- Case Studies (30 mins)
- Workshop Activity (30 mins)



## DAY 4

### Sustainable Cities and Communities (SDG 11) and Responsible Consumption and Production (SDG 12)

Session Theme: Sustainable Practices and Urban Strategies

- SDG 11 - Sustainable Cities and Communities (45 mins)
- SDG 12 - Responsible Consumption and Production (45 mins)
- Group Discussion (30 mins)
- Conclusion and Next Steps (30 mins)



**AARDO:** AARDO, established in 1962, is an Inter-Governmental rural centric Organization, consisting of 35 Members, i.e; 32 countries Governments and 03 Associate Members from Africa and Asia working in the area of agriculture and rural development. AARDO subscribes to the spirit of South South and Triangular cooperation and African Asian Solidarity. With over 63 years of experience, AARDO, as a policy advocacy institution, remains at the forefront of focused SDGs in rural areas, through different and evolving forms, including technical cooperation, sharing of knowledge and experiences, training, capacity building and technology transfer on mutually agreed terms. For more information, AARDO website ([www.aardo.org](http://www.aardo.org)) may be visited.

**ASIA:** The Advanced Study Institute of Asia (ASIA), established in 2023 and affiliated with Shree Guru Gobind Singh Tricentenary University in Gurugram, India, serves as an interdisciplinary research center, operating within diverse fields such as International Relations, public health, law, and societal issues. By leveraging the expertise of leading scholars, scientists, and practitioners, ASIA aims to foster a deeper, multidisciplinary understanding of issues that influence development. It contributes significantly to advancing global conversations and solutions in areas of shared concern, including public health, environment, and governance.

## PROGRAM COORDINATORS:

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