

Tamil Nadu Health System Project: One Health and Climate Change Hub

Report for Month : October-November 2024

Government Orders and Communications

Several important government orders and communications were issued during this period:

- TNHSP Ref no. 10264/P14/SHS/2019; Dated 23/10/2024-Departmental meeting for the inter-health convergence meeting on the One Health and Climate Change.
- TNHSP Ref no. 10264/P14/SHS/2019; Dated 24/10/2024- Nomination of Nodal Officers for the Convergence meeting on the One Health and Climate Change.
- Health and Family Welfare (P1) Department-G.O no. 385, Dated: 22/11/2024- Establishment of "One Health and Climate Hub" under the Health and Family Welfare Department- Government of Tamil Nadu- Orders- Issued.
- TNHSP/OHCC Ref no. 6545/TNHSP/ OHCC/ 2024; Dated 11/11/2024-Announcement of establishing the OHCC Secretariat- Communication-Regarding.
- TNHSP/OHCC Ref no. 6545/TNHSP/ OHCC/2024; Dated 12/11/2024-To aid in facilitating data- Regarding.
- TNHSP/OHCC Ref no. 6545/TNHSP/ OHCC/ 2024; Dated 15/11/2024- Nomination of Nodal person from the identified departments - Requested.
- Email communication from the office of TNHSP, Dated 16 Nov 2024- Request to provide data for developing One Health and Climate Change Action Plan
- TNHSP/OHCC Ref no. 6545/TNHSP/ OHCC/ 2024; Dated 25/11/2024-Regarding setting up of One Health and Climate Change Hub AI-enabled Disease Surveillance System Software - Communication
- TNHSP/OHCC Ref no. 6545/TNHSP/ OHCC/ 2024; Dated 25/11/2024-Direction for King Institute of Preventive Medicine & Research (KIPMR) to join the One Health &Climate Chang Hub Initiatives as Nodal Laboratory- Orders requested

OHCC Convergence and Departmental Coordination

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Convergence Meetings

1. Inter-Health Convergence meeting to orient OHCC activities on 25th Oct 2024
2. Inter-Departmental Convergence meeting to orient OHCC activities on 28th Oct 2024
3. Visited the State Public Health Laboratory to assess the suitability of the laboratory for DSS on 30th Oct 2024.
4. Visited King Institute of Preventive Medicine and Research to assess the suitability of the laboratory for DSS on 26th Nov 2024
5. Visited TNNeGA to discuss the DSS software GIS-MIS on 8th Nov 2024
6. Visited TNSDMA to get GIS images for pilot districts relevant to Heat and Sea level erosion and flooding on 8th Nov 2024

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Departmental Nodal Officers

7. State Nodal Officers identified for converging departments
 - a. Health and Family Welfare department- Dr Vijay Kumar - Nodal Officer and Associate Professor
 - b. Environment, Climate Change, and Forest department- Assistant Mission Director- Tamil Nadu Climate Change Mission.
 - c. Agriculture and Farmers Welfare Department- Mr G. Sv. Amuthan, Joint Director of Agriculture (Agri Businesses)
 - d. Animal Husbandry, Dairying, Fisheries and Fishmen Welfare department- Chief Epidemiology Officer- Animal Husbandry department.
 - e. Social Welfare and Women Empowerment department- Mrs. Muthumeenal. AD- RD dept. Tamil Nadu Corporation for Development of Women
 - f. King Institute of Preventive Medicine and Research- Dr K. Kaveri. JD KIPMR
8. Following up with the other converging departments for the same.

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OHCC Pilot Districts

9. Selected the pilot area-Cuddalore and GCC
10. The Draft OHCC Action Plan for Cuddalore is ready, and it is a Work-in-Progress
11. The Draft OHCC Action Plan for Greater Chennai Corporation is ready, and it is a Work-in-Progress
12. Completed the converging department's orientation during the visit to Cuddalore and Greater Chennai Corporation on 18th Nov 2024.
13. Completed the converging department's orientation during the visit to Greater Chennai Corporation on 19th Nov 2024.

OHCC Disease Surveillance System

Disease Surveillance System

14. Disease surveillance dedicated for OHCC- Identified King Institute of Preventive Medicine and Research as Nodal Laboratory-Sent a letter of communication on 2nd Dec 2024.
15. Identified sample collection spots in Cuddalore, Greater Chennai Corporation, and respective converging departments.
16. The sample collection is expected to start within a week
17. TNEGA has agreed to develop the automated software for AI enabled-OHCC DSS (Disease surveillance software)- Sent a letter of communication letter to their office on 25th Nov 2024.
18. Requirements and training for those involved in data collection will be scheduled by mid-December, 2024.

Communication Materials

Communication Materials

- 19. Designed infographics for the five pillars of activities, including an overview in the form of inserts in a folder for OHCC. The printing will start after the content and quantity are approved.
- 20. OHCC consultants at the Secretariat agreed to develop the logo and web page (if required).
- 21. Information Booklets: The content for seven booklets is ready. They will be printed the first week of December

List:

- a) One for each of the five pillars- AMR, Zoonosis, Environment, Food Safety and Occupational health. (5 in nos)
- b) An overview of One Health and Climate Change Hub (1)
- c) OHCC-Disease Surveillance System-OHCC-DSS, and (1)
- d) Climate-resilient health care infrastructure. (1)
- e) Booklet for Cuddalore District Action Plan
- f) Booklet for Greater Chennai Corporation Action Plan,
- g) Framework document for One Health and Climate Change is a Work-in-Progress(Writing the Chapters)

Workshops, Training, and Future Plans

International Workshop

22. A Workshop on One Health and Climate Change has been proposed on 18th December 2024 at Leela Place.

Training

23. The field sample collectors training is underway and will occur at the KIPMR. The first batch will be for the pilot districts.

The One Health and Climate Change Hub has made significant progress in establishing its framework, coordinating with various departments, and initiating key activities. The focus on pilot districts, development of the Disease Surveillance System, and creation of comprehensive communication materials demonstrate a holistic approach to addressing health and climate change issues. Future plans include international workshops, framework document, and targeted training sessions, indicating a commitment to capacity building and knowledge sharing. As the project moves forward, continued interdepartmental collaboration and data-driven approaches will be crucial for its success.