GOVERNMENT OF KERALA

Abstract

Information Technology Department –Kerala State Spatial Data Infrastructure (KSSDI) - Constitution of Committees and identifying data providing agencies - Orders issued.

INFORMATION TECHNOLOGY (B) DEPARTMENT

G.O.(MS)No: 36/2009/ITD.   Dated, Thiruvananthapuram, 24.12.2009.

Read:-1. D.O Letter No. NRDMS/11/1236/07 dated 13.05.2008 from Dr.R.Sivakumar, Head (NRDMS) & CEO, NSDI, Department of Science & Technology, Government of India.

2. G.O(MS) No. 26/09/ITD dated 06.10.2009.

ORDER

As per Government order read as 2nd above Administrative sanction was issued for setting up of the Kerala Spatial Data Infrastructure(KSSDI). Now government are pleased to constitute the following committees for smooth implementation of the projects in similar pattern followed by National Spatial Data Infrastructure(NSDI) with the following permanent members (with ex-officio Capacity)

Kerala State Spatial Data Committee (KSDC) - (with following members with Ex-Officio capacity)

1. Chief Minister	- President
2. Chief secretary	- Vice -President.
3. Additional Chief Secretary (Home)	- Member
4. Principal Secretary. Information Technology	- Member
5. Ex-officio Principal Secretary. Science and Technology	- Member
6. Principal Secretary, Local Self Government	- Member
7. Principal Secretary, Public Works Department	- Member
8. Principal Secretary, Revenue	- Member.
9. Principal Secretary, Forest Department	- Member
10. Secretary. Water Resources	- Member
11. Secretary. Agriculture	- Member
12. Secretary. Ministry of Defence, Government of India	-Member
13. Secretary. Planning Affairs. Government of India	- Member.
14. Secretary. Ministry of Earth Sciences. Government of India	- Member
15. Director, Kerala State IT Mission	- Member
16. Director. KSDI	-Member Secretary

The KSDC can appoint the following additional members as and when required:

1. Maximum of 5 (five) Secretary rank officials of the Government of India or State Government departments whose activities are related to the KSDI.
2. Maximum of 5 (five) Experts having experience and qualifications in the fields related to Spatial Data - Geographical Information System (GIS), Remote Sensing, Digital Mapping, Photogrammetry, spatial and Non-spatial database. Information Technology, Networking, Software, Business Management, Law and other related fields.
3. Maximum of 5 (five) representatives from industry, academia and NGO's.

(i). Functions and powers

(i) Formulate policies on all aspects, related to the KSDI, including its establishment, access and sharing pricing data based on National Map Policy and guidelines provided by NSDI.
(ii) Frame rules and procedures for the conduct of the business of the KSDI.
(iii) Decide and arbiter on issues relating to spatial data' generation and its availability in the state
(iv) Promote open access to spatial data by citizen and develop spatial data services in public and private sector.
(v) Promote and enable investment in the spatial business sector' and to create an environment that encourages competitive excellence;
(vi) Promote the development of human resources in the spatial data sector by encouraging existing training institutes, universities, institutions offering specialized courses, etc to conduct training programs in Geo Spatial technologies;
(vii) Promote advanced research related to the SDI activities and enable an ambience R & D for KSDI in the state;
(viii) Aid and advise the Central/State Government on any matter related to, or connected with the Spatial Data;
(ix) Do all such acts and deeds that may be necessary, beneficial or otherwise desirable to achieve the objectives of the KSDI.
(x) Facilitate participation of data producing agencies for such purpose of sharing the data,

The Committee shall meet at such time and places as fixed by the Chairman.

(ii). Executive committee (EC) (with following members ex-officio capacity):

1. Principal Secretary, Information Technology — Chairman
2. Executive Vice President, KSCSTE — Vice Chairman
3. Representative, State Planning Board — Member
4. Director, Kerala State IT Mission — Member
5. Commissioner,. Kerala State Land Use Board — Member
6. Director, Vikram Sarabhai Space Centre — Member
7. Director, Centre for Earth Science Studies — Member

8. Director, Kerala State Remote Sensing & Environment Centre	- Member
9. Director, Centre for Water Resources Development and Management	- Member
10. Director, Kerala Forest Research Institute	- Member
11. SIO, National Informatics Centre	- Member
12. Director, National Spatial Data Infrastructure	--Member
13. Director, National Traffic Planning and Research Centre	- Member.
14. Chief Conservator of Forests (FMIS), Forest Department	- Member
15. Director, KSDI	-Member

In addition, the KSDC may appoint for a specified term, on recommendation of the Chairman of the KSDI Executive Committee, four (4) experts having experience and qualifications in the fields related to KSDI -Geographical Information System (GIS), Remote Sensing, Digital Mapping, Photogrammetry, spatial and Non-spatial Database, Information Technology, Networking, Software and other related fields can also be included.

Functions and powers of the Executive Committee

KSDI Executive Committee shall undertake any and all implementing and executive functions for and on behalf of the KSDC include

1. Determine the requirement of spatial data in the State and require creation or collection of spatial data to fill such requirement.
2. To define and ensure implementation of standards for KSDI activities and to enable a smooth establishment and access to KSDI
3. To define and formulate rules and procedures for enabling NSDI databases servers, networks and access rules and filters
4. To constitute technical, financial or other sub-committees to establish the KSDI and any other objectives and functions
5. To define and formulate rules and procedures for enabling access to, databases, servers, networks and access rules and filters
6. To aid and advise the NSDC on any matter related to or connected with its functions and the NSDI
7. To advise the KSDC on expanding the scope of KSDI by including newer-spatial and non-spatial data and agencies enabling a larger participation in KSDI To undertake activities to attract new entrants, private sector participation and stimulate innovation related to KSDI;
8. To encourage and set into operations value-added-services relating to the usage of KSDI for supporting developmental and economic activities; .
9. Require any member, persons; entities or organizations to provide access to any data at such costs as may be reasonable;
10. Aid and advice the State Government on any' matter related to or connected with the KSDI;

The Executive Committee will discharge all the implementing and executive functions for and on behalf of KSDC including the functions as may be prescribed by regulations framed by the KSDC.

(iii). Management Committee

1. Principal Secretary, Information Technology   - Chairman
2. Director, Kerala State IT Mission   - Vice Chairman
3. Director, KSDI   - Member
4. GIS expert, KSDI   - Member
5. Remote Sensing Expert, KSDI   - Member
6. Database Manager, KSDI   - Member
7. Assistant Registrar, KSDI   - Convener

In addition, the KSDI Executive Committee, on recommendation of the Chairman of the Management Committee may appoint for a specified term, four (4) experts having experience and qualifications in the fields related to KSDI Geographical Information System(GIS). Remote Sensing, Photogrammetry, metadata standards, Information Technology, Networking, Software, Business Management, and, other related fields.

Functions and powers

a) Implement executive orders as per recommendations of the SDC/EC
b) Formulate guidelines on. all aspects related to KSDI including its establishment, standards, access, and pricing etc.
c) Identifying gaps in 'the database and, initiate, action for generation or, collection of data to fill such data gaps;
d) Require any member, persons, entities or organizations to provide access to any data at such costs as may be reasonable;
e) Creation of meta data repository (OGC standards) Finalization of Data security / encryption/ access mechanisms policy.
f) Create and operationalize and ensure sustainability of State Geo-Portal
g) Sensitize the concept of SDI and the utility of Geo-portal and clearing house in order to secure cooperation of different agencies in the development of KSDI .
h) Undertake training programme to reach out the benefits of the Geoportal and the Clearing House.
i) Provide continuity of the programme and monitoring of performance of various components of the program .
j) Monitoring of the service level available to various stakeholders
k) To develop a web based Geo Portal to acquire, process, store, distribute and improve the utilization of geo spatial data (sharing of geo spatial data through internet) for planners, decision makers and public.
l) Monitoring Capacity Building and other training programmes envisaged for successful implementation KSDI
m) Providing guidance and clarifications to the data providers and users
n) Monthly review of project plans. and progress and advice the State Government on relevant matters.
o) Determine the requirement, of spatial data in the State and require its creation or collection to fill such requirement;

p) Aid and advice the State Government on any matter related to or connected with the KSDI;

q) Enter into appropriate arrangement with any third party to undertake any specific activity connected with or related to any of the activities of the KSDI, including data generation, data assimilation, access, consulting, commercial exploitation of any data, etc.

r) Do all such acts and deeds that may be necessary, beneficial or otherwise desirable to achieve the objectives of the KSDI.

In addition, the KSDI Executive Committee, on recommendation of the Chairman of the Management Committee may appoint for a specified term, four (4) experts having experience and qualifications in the fields related to KSDI Geographical Information System(GIS), Remote Sensing, Photogrammetry, metadata standards, Information Technology, Networking, Software, Business Management, and other related fields.

(iv). KSDI Secretariat :

1. Chief Executive Officer (ex-officio, Principal Secretary, IT, Government of Kerala)
2. Director, KSDI
3. GIS Expert
4. Remote Sensing Expert.
5. System Administrator
6. Deputy Registrar
7. Office Assistants
8. Project fellows

Government are also pleased to identify the following organisations as data providing agencies who will have an interface with KSSDI for uploading/sharing of data generated at different levels:-

1. Kerala State Council for Science Technology and Environment, Thiruvananthapuram.
2. Kerala State IT Mission, Thiruvananthapuram
3. Kerala State Land Use Board, Thiruvananthapuram
4. Centre for Earth Science Studies, Thiruvananthapuram
5. Kerala State Remote Sensing & Environment Centre, Thiruvananthapuram
6. Centre for Water Resources Development and Management, Kunnamangalam, Kozhikode.
7. Kerala Forest Research Institute, Thrissur
8. Information Kerala Mission, Thiruvananthapuram
9. Forest Department, Thiruvananthapuram
10. National Traffic Planning & Research Centre, Thiruvananthapuram
11. Soil Survey Organisation, Thiruvananthapuram
12. Directorate of Survey and Land Records, Thiruvananthapuram

13.Kerala State Mining and Geology, Thiruvananthapuram
14.Tropical Botanical Garden and Research Institute, Thiruvananthapuram
15.Public Works Department, Government of Kerala
16.Irrigation Department, Government of Kerala.

By Order of the Governor
DR. AJAY KUMAR
Principal Secretary to Government

To

All Additional Chief Secretaries/Principal Secretaries/Secretaries.
The Director, Kerala State IT Mission (To put the G.O on the Website).
 Secretary to Government of India (Ministry of Defence) with C/L
Secretary to Government of India (Planning Affairs) with C/L.
Secretary to Government of India (Ministry of Earth Science) with C/L
The Director, National State Data Infrastructure (with C/L)
The Director, VSSC(with C/L)
The Executive Vice President, Kerala State Council for Science, Technology and
 Environment, Sasthrabhavan, Pattom, Thiruvananthapuram.
The Member Secretary, State Planning Board.
The Commissioner, Land Use Board
The Director, CESS
The Director, KSREC.
The Director, Centre of Water Resources Development and Management
The Director, Kerala Forest Research Institute.
The State Informatics Officer, NIC, Thiruvananthapuram.
The National Traffic Planning and Research Centre.
Chief Conservator of Forests (FMIS)
The Director, IKM
The Director, Soil Survey organisation, Thiruvananthapuram.
The Director, Survey & Land Records
The Director, Mining & Geology
The Director, Tropical Botanical Garden and Research Institute
The Chief Engineer, PWD
The Chief Engineer, Irrigation
SF/OC
Copy to: PS to Chief Minister
 JS to Chief Secretary
 PA to Principal Secretary (IT)

Forwarded/By order

Section Officer