

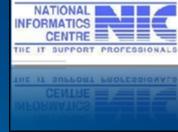
A Step Towards G-Governance NIC Initiatives Geoportal https://gismp.nic.in

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- Era of G-Governance (e-Governance based on spatial data)
- High Resolution RS data availability (~ 50 cm)
- Software platforms are maturing towards Web architecture
- Present Servers configuration are suitable for Geo -processing & handling of voluminous data.
- Bandwidth is good but not satisfactory. Gigabit network/3G may resolve the issue in future.
- GIS moving from Desktop to SOA Enterprise solutions
- Cloud

State-wide Enterprise GIS Applications



THE IT SUPPORT PROFESSIONALS

i-GeoApproach/ eMarg :	Internet Geomatics-based Application for Planning Rural Road Connectivity to Habitations (for MPRRDA)
GeoURS :	GIS-based Unified Road System for all Dept. (PWD, NHAI, MPRDC, MPRRDA, RES)
GeoTnCP :	GIS –based Land Use & Planning Permission System for Town & Country Planning, GoMP
GeoSearch :	Search any Village/ Panchayat of the state. Facilitates distance & area calculation (G2C), tag facilities
i-GeoAmpere :	Internet Geomatics-based Application Model for Planning Distributions of Electricity to Rural Entities (for West & Central DistCom's)
GeoForest :	Geomatics-based Forest Mapping (for MPFD)
GeoPlan :	GIS-based Facility Management System for District Administration / <i>Zila Panchyat</i>
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Development State-wide Enterprise GIS Application



EIA,EMP,CAD :	GIS-based system for preparation of Command Area Development and EIA & EMP for NVDA
Watershed :	GIS-based Watershed Management (For P&RD, Gol)
Advisory / Expert Member of Committee	 Revenue (Land Records) Rural Development Forest M.P. Council for Science & Technology Town & Country Planning Geology & Mining Heath Rajeev Gandhi Watershed Mission EPCO NSDI / NSDC
Research publications	International, national level. Concept note on SGSI



Infrastructure & Expertise

- State-of-the-art Servers
- Industry Standard Software platforms
- Open Source
- In GIS domain over a decade
- Human Expertise
- Cloud / SOA based Enterprise solutions
- OGC Compliant
- Innovative development
- Supporting other states (Bihar, TamilNadu....)
- National level contribution (MoRD, MoP, NIC, NSDI, NSDC,....)



HRSI Expectations from NRSE

- Era of G-Governance (e-Governance based on spatial data)
- Growing demand of Geo-spatial data between the providers & users but unaware of policies
- Revenue / RD/ Urban projects demand ~ 50 cm
- Foreign data providers : Setup servers in India
- Data as service (map / vector)
- Subscription-based data models
- Fast track clearance of data
- GAGAN

Issues & Challenges



- Era of G-Governance (e-Governance based on spatial data)
- Growing demand of Geo-spatial data between the providers & users but unaware of policies. (Google, RS data)
- Standards (projection, metadata) not followed. Interoperability is a issue.
- Lack of own expertise. Vendor driven. Misleading
- Heroic approach Vs Institutional approach
- Thinker ----- Developers
- Policy on sharing, IPR, ownership of the data
- Huge Expenditure on procurement/ infrastructure/ development by different dept.
- Redundant data sets
- Human resources

Achievements



Projects	Awards	INFORMATICS CENTRE THE IT SUPPORT PROFESSION			
 International Special Achievement in GIS (SAG) Award during International ESRI UC Conference 2011 held in USA The Premier Geospatial State Award for the state of Madhya Pradesh by India GeoSpatial Forum in Feb'12 					
i-GeoApproach	 International Geospatial Excellence Award Ja Winner of National e-Governance Award 2009-2 innovative category 				
i-GeoApproach inauguration	Hon'ble CM of Madhya Pradesh inaugurates Geomatics-based Application "i-GeoApproach"				
GeoSearch	 Award for excellence in e-Governance initiatives Madhya Pradesh 2011-12 by Dept. of Information Technology, GoMP 	in			
GeoForest	 Award for excellence in e-Governance initiatives Madhya Pradesh 2011-12 by Dept. of Information Technology, GoMP 	in			

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Achievements



Projects	Awards	INFORMATICS CENTRE
i-GeoAmpere	 Award for excellence in e-Governance initia Madhya Pradesh 2008-2009 by GoMP for the product "i-GeoAmpere" 	atives in
e-Gram Suvidh	Prestigious national CSI-Nihilent e-Govern Award for the product e-Gram Suvidha.	nance



Projects Presentations

- i-GeoApproach / eMarg
- <u>GeoURS</u>
- <u>GeoT&CP</u>
- <u>GeoSearch</u>
- <u>i-GeoAmpere</u>
- <u>GeoForest</u>
- <u>GeoPlan</u>



















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