

DEVELOPMENT AND MANAGEMENT OF POLICE GIS IN DISTRICT ALMORA

J.S.Rawat



L-R: Sri Rajeev Shah, ADM Almora; Prof. J.S. Rawat, Director, NRDMS; Sri Subardhan, DM Almora; and Sri Krishan Kumar, V.K. SP Almora in the workshop on Development and Management of Police GIS in District Almora, held at the SP Office Almora on 16th January 2010.

January, 2010

To review the progress of applications of GIS in police administration and to formulate further strategy for development and management of Police GIS in district Almora, a one day workshop was jointly organized by the Police Administration Almora and the Centre of Excellence for NRDMS in Uttarakhand (COE NRDMS) at the Meeting Hall of the Superintendent of Police Almora on 16th January 2010. About two dozen participants from Police Administration Almora (including Superintendent of Police Almora, Officers of Kotwali and Mahila Thana Almora, Thana Dwarahat, Thana Bhatraujkhan and personnel of Quick Response Team Almora), senior district administrators of Almora (i.e., District Magistrate and Additional District Magistrate, In-Charge NIC Almora); and Scientists of the COE NRDMS, Kumaun University SSJ Campus Almora, participated in the workshop (see Annexure-I for attendance).

Welcoming all the participants of the workshop, Sri Krisha Kumar V.K., Superintendent of Police, District Almora presented a detailed account of the objectives of the workshop. Sri Kumar informed that to sensitize the Police personnel regarding the applications of GIS/GPS technologies in police administration, six months back, a one day workshop jointly with COE NRDMS Centre Almora was organized at this Department, since that, four constables of different thanas (i.e., Kotwali Almora, Mahila Thana Almora, Thana Dwarahat and Thana Bhatraujkhan) of district Almora were given training on GIS Development at the NRDMS Centre Almora. Sri Kumar also informed that in this workshop all the four trained Constables will made their presentation on Police GIS of their own Thana and thereafter discussions shall be held to formulate strategy for development of Crime and Disaster Management GIS for District Almora. Highlighting the significance of NRDMS Center's GIS/GPS works, Sri Kumar hoped that with the help of the technical assistance of the NRDMS Centre Almora, they will be able to make use of GIS/GPS technologies in different aspects of police administration specifically in crime control and disaster management.

Sri Vinod Singh Rawat, Scientist, COE NRDMS gave a live demo of installation of GIS software, viz., GRAM++ to the participants and installed the software in the Computer of the GIS Cell of the SP Office Almora which was formally inaugurated by Sri Subadhan, District Magistrate Almora.

The trained (in GIS Development) Police Constables Sanjeet Kumar, Sushila Yadav, Vijya Laxmi and Sanjeet Rana made detailed presentations through power point on the GIS infrastructure of their own thana, respectively, viz., Kotwali Almora, Mahila Thana Almora, Thana Batronjkhan and Thana Dwarahat.

Dr.J.S.Rawat, Director, COE NRDMS in Uttarakhand and Professor in Geography, Kumaun University SSJ Campus Almora, gave a live demo of the GIS infrastructure of district Almora. During his presentation, Prof Rawat covered spatial distribution of roads (i.e., national highway, state highways, major district roads, minor district roads, village roads, unmatelled roads, roads under constructions and sanctioned etc), villages, police thanas, police chaukees, police barriers, thana head quarters, health centres, education centres, streams and rivers of district Almora. Prof Rawat also demonstrated that how to fire a quarry for finding quickly the nearest facilities around a particular site? How to find shortest route for reaching the destination? How to draw the buffer zones on either sides of a particular road at desired distance? or on either sides of a particular river ? Apart from these, Prof Rawat informed that during the last six months four police personnel of different thanas of district Almora were trained in development and applications of GIS technologies in their day to day works. Prof. Rawat also informed that Almora is the first district of the Uttarakhand State which has started GIS/GPS in police administration and hoped that with the helped of the trained (in GIS/GPS technologies) police personnel of district Almora, gradually it will be replicated in other districts of the Uttarakhand State. Highlighting the significance of GIS in governance, Prof Rawat said, "after e-governance, the next revolution will be of g-governance, i.e., governance through Geographic Information Science, therefore, it is necessary to all the government officers to update themselves with the latest GIS/GPS technologies". "The COE NRDMS objective is to provide assistance to the stakeholders who are willing to adopt GIS/GPS technologies planning/ administration", Prof. Rawat added.



Sri Subardhan, District Magistrate Almora addressing to the participants



Sri Krishna Kumar V.K., S.P. Almora addressing to the participants

Sri Subardhan, District Magistrate Almora said that in the age of information technology, knowledge of applications of GIS/GPS is very important specifically for the Police and Vigilance departments. The terrorists are using GIS/GPS technologies very rapidly, therefore, it is necessary to update the Police and Vigilance departments with these technologies, he added. Sri Subardhan did appreciate the efforts of Police Department and NRDMS Centre Almora and said that commendable work has been done in district Almora that entire the Police Department is being made hi-tech with GIS/GPS technologies by the NRDMS Centre Almora. I do hope that the GIS Software with GIS data installs today by the NRDMS Centre at the SP Office Almora, shall bring change a lot in the working pattern and efficiency of the Police Department, Sri Subardhan added.

RECOMMENDATIONS

For development and management of GIS in district Almora, the following recommendations emerged by discussion and consensuses.

1. The database of four Thanas of district Almora, viz., Thana Almora, Almora Mahila Thana, Thana Someshwer and Thana Bhatraojkhan shall be updated within the next six months, by the concerned trained (in GIS/GPS technology) police personnel of district Almora.
2. Eight Police Officers (two from each Thana) of four Thanas, viz., Sult, Ranikhet, Someshwer and Bhanoli of district Almora shall be given on job training by the COE for NRDMS in Uttarakhand to develop GIS for these Thanas within the next six months.
3. Crime mapping work shall be done for each thana by the Police Department within the next six months. All the technical support shall be provided by the COE for NRDMS in Uttarakhand for crime mapping work of district Almora.
4. The disaster management GIS of district Almora Developed in 2007 shall be updated jointly by the Police Department and Disaster Management Cell of Almora with the help of the technical assistance of the NRDMS Centre Almora.
5. To sensitize Police Officers regarding applications of GIS/GPS technologies in police administration, one day workshop shall be jointly organized (by the Police Department Almora and COE for NRDMS in Uttarakhand) at each District Police Head Quarter of the Uttarakhand State. The dates of such one day workshops at different district headquarters shall be worked out by the Superintendent of Police Almora.
6. One Police Officer of each Thana of District Almora (total 8) shall be given on job hands on training in Data Capturing through GPS and route map of each thana for district Almora will be prepared by GPS through these trained police personnel within the next six months. For on job training of Police Officers, identification of trainees (having computer background) shall be done by the Superintendent of Police Almora.
7. A traffic flow map of the Almora town will be prepared jointly by the Police Department and the NRDMS Centre Almora through the trained police personnel and students of MGIST (Master of Geographic Information Science & Technology).
8. A map of road accident prone sites of district Almora will be prepared jointly by the Police Department and the NRDMS Centre Almora through the trained police personnel and students of MGIST (Master of Geographic Information Science & Technology).
9. On job training of the identified Police Officers shall be done at the NRDMS Centre, Kumaun University Almora, while the updating of Police GIS and Crime Mapping work shall be done at the Police GIS Cell at Superintendent of Police Office Almora.

At the end of the workshop, the Superintendent of Police Mr. Krishan Kumar V.K. extended vote of thanks to all the participants.



Constable Sushila Yadav, presenting Police GIS of the Mahila Thana Almora in the workshop

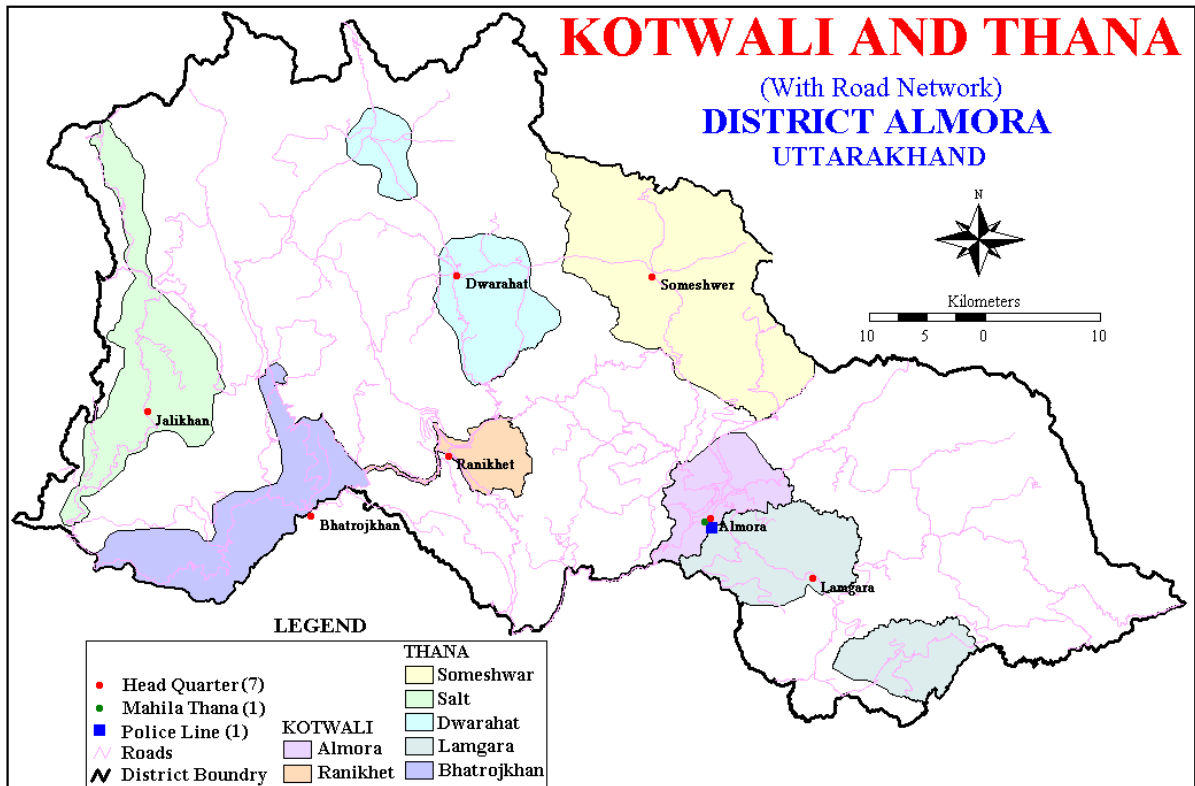


Constable Vijay Laxmi presenting GIS of the Bhatraujkan Thana

Workshop on Development and Management of Police GIS in District Almora

Attendance

1. Sri Subardhan, District Magistrate Almora.
2. Sri Rajeev Shah, Additional District Magistrate Almora.
3. Sri Krishan Kumar V.K., Superintendent of Police, District Almora.
4. Prof.J.S.Rawat, Director, Centre of Excellence for NRDMS in Uttarakhand, Kumaun University SSJ Campus Almora.
5. Sri Mukul Pathak, NIC Almora.
6. Sri Anil Kumar, NIC Almora.
7. Sri Vinod Singh Rawat, Scientist, Centre of Excellence for NRDMS in Uttarakhand, Kumaun University SSJ Campus Almora.
8. Sri Abhijeet Bala, GPS Surveyor, Centre of Excellence for NRDMS in Uttarakhand, Kumaun University SSJ Campus Almora.
9. Sweta Degri, Sub-Inspector, S.P.Office Almora, 9412366938.
10. Constable Sanjeet Rana, Thana Dwarahat, Almora, 9458656638.
11. Constable Vijay Laxmi, Thana Bhatraujkhan, District Almora, 9639334101.
12. Conctable Dipti Giri, Thana Lamgara, District Almora, 9837592155.
13. Sushil Yadav, 41 1455up, Mahila Thana Almora.
14. Jai Singh Bhandari, Head Constable, Quick Response Team.
15. Canstable Munni Rai Limph, Quick Response Team.
16. Constable Chandan, Quick Response.
17. Constable Jeevan, Quick Response Team.
18. Constable Bhupendra, Quick Response Team.
19. G2 70 UP Kamal Bhandari, Thana Ranikhet, 9412375441.
20. GI 92 UP Daya Shankar Kohali, Thana Someshwer.
21. GI CP Deepak Kumar, Thana Someshwer, Almora
22. G1 80 UP Anoop Singh Bhandari, Thana Dwarahat, 9411544193.
23. C 2558 Lalit Mohan Singh, Thana Lamgarha, 9456509556.
24. G12 UP Rajendra Verma, Thana Sult, 9412974625.
25. G 354 UP Lokesh Joshi, Thana Sult, Almora
26. G33 UP Sanjeet Kumar, Kotwali Almora, 9410819853.
27. G 196 UP Deepak Singh, Kotwali Almora.



दैनिक जागरण, १७ जनवरी २०१०

कम्प्यूटर शिक्षा में अपडेट रहना जरूरी

• पुलिस कर्मियों को बताई भौगोलिक सूचना विज्ञान की महत्ता

अल्मोड़ा: देश में दिनोंदिन बढ़ रही आतंकवादी गतिविधियों को देखते हुए पुलिस अधीक्षक कार्यालय परिसर में पुलिस विभाग के कर्मियों को जियोग्राफिक इंफारमेशन सिस्टम के बारे में जानकारी दी गई। इसके लिए कार्यशाला का आयोजन किया गया।

कार्यशाला का उद्घाटन जिलाधिकारी सुबर्द्धन ने किया। जिलाधिकारी ने कहा कि मौजूदा दौर संचार क्रांति का दौर है। इसमें विशेष रूप से कंप्यूटर में नित नए प्रोग्राम आ रहे हैं। एक ओर जहां पुलिस महकमा व गुप्तचर एजेंसियां अपने आपको अपडेट कर रही हैं, वहीं देश में विरोधी शक्तियां कोई नया जरिया निकालकर देश में अशांति फैलाने की ताक में रहती हैं। इसलिए यह जरूरी है कि कंप्यूटर के ज्ञान को बढ़ाया जाए। उन्होंने कहा कि इसमें भौगोलिक सूचना विज्ञान के उपयोग की जानकारी पुलिस के लिए विशेष महत्व रखती है।

इस मौके पर पुलिस अधीक्षक कृष्ण कुमार वीके ने भौगोलिक सूचना विज्ञान के विभिन्न पहलुओं पर विस्तार से चर्चा की। उन्होंने कहा कि आपदा प्रबंधन में इसके उपयोग की



पुलिस कार्यालय में जियोग्राफिक इंफारमेशन सिस्टम पर व्याख्यान देते प्रो.जीवन सिंह रावत। बड़ी महत्ता है। कार्यशाला के मुख्य वक्ता एसएसजे परिसर के भूगोल विभाग के प्रो.जीवन सिंह रावत ने कहा कि जियोग्राफिक इंफारमेशन सिस्टम जितना भूगर्भ शास्त्रियों के लिए जरूरी है, उतना ही मौजूदा परिस्थितियों को देखते हुए पुलिस विभाग के लिए आवश्यक है। उन्होंने इस विषय पर महन चर्चा की। इस मौके पर अपर जिलाधिकारी राजीव साह, पुलिस उपाधीक्षक रामशरण जयंत, एनआईसी अल्मोड़ा के प्रभारी मुकुल पंत, प्रतिस्ार निरीक्षक देवेन्द्र रावत, मुकेश पंत, प्रभारी निरीक्षक कोतवाली रामी राम, स्टेट बैंक अल्मोड़ा के अनेक अधिकारी व पुलिस कर्मचारी मौजूद थे।

राष्ट्रीय सहारा | रविवार • 17 जनवरी • 2010

जीआईएस तकनीक की जानकारी दी

अल्मोड़ा (एसएनबी)। पुलिस कार्यालय अल्मोड़ा में भौगोलिक सूचना विज्ञान (जीआईएस तकनीक) विषय पर आयोजित एक दिवसीय कार्यशाला में पुलिसकर्मियों को जीआईएस के विभिन्न उपयोगों के बारे में विस्तारपूर्वक जानकारी दी।

कार्यशाला में एसएसजे परिसर के भूगोल विभाग के प्राचार्य जीवन सिंह रावत ने कंप्यूटर व सैटेलाइट आधारित इस तकनीक को प्रोजेक्टर के माध्यम से प्रस्तुत किया।

उन्होंने जीआईएस के चिकित्सालयों, शैक्षणिक संस्थानों आदि को प्रस्तुत किया। उन्होंने कहा कि इसके माध्यम से आकड़े फीड

कार्यशाला

- भौगोलिक सूचना विज्ञान विषय पर पुलिसकर्मियों को दी जानकारी
- आंकड़े फीड करने के बाद आसानी से मिल जाएगी जानकारी

करने के बाद कभी भी किसी भी विषय में जानकारी हासिल की जा सकती है। श्री रावत द्वारा तैयार इस तकनीक में अभी भी वर्ष 2005 के आकड़े ही दर्ज हैं।

कार्यक्रम को जिलाधिकारी सुबर्द्धन ने भी संबोधित किया। उन्होंने कंप्यूटर व इस तकनीक को वर्तमान की जरूरत बताते हुए इस निकाय में आकड़ों का नियमित नवीनीकरण करने की भी बात कही। कार्यशाला में पुलिस अधीक्षक कृष्ण कुमार वीके, एडीएम राजीव साह, सीओ राम शरण जयंत, एनआईसी मुकुल पंत, एलआईए निरीक्षक मुकेश पंत, कोतवाल रामी राम, देवेन्द्र सिंह रावत सहित अनेक पुलिसकर्मी मौजूद थे।

कृष्ण कुमार वी०के०,
आई.पी.एस.



पुलिस अधीक्षक
अल्मोड़ा

कार्या० (05962) 230007

पत्र संख्या:-एसटी-5/2010
कार्यालय पुलिस अधीक्षक,
अल्मोड़ा ।
दिनांक:-जनवरी 26, 2010

सेवा में

श्री जे०एस०रावत,
निदेशक,
सेन्टर आफ एक्सलैन्स फॉर एनआरडीएमएस
इन उत्तराखण्ड एवं प्रोफेसर भूगोल विभाग,
कुमायूँ विश्वविद्यालय, एसएसजे परिसर,
अल्मोड़ा ।

कृपया अवगत कराना है कि दिनांक 16-01-2010 को पुलिस कार्यालय अल्मोड़ा के सभागार में आप एवं आपके सहयोगियों द्वारा पुलिस विभाग को जी०आई०एस० के सम्बन्ध में विस्तृत जानकारी प्रदान की गई । आप द्वारा जी०आई०एस० साफ्टवेयर को कम्प्यूटर में इन्स्टालेशन करना तथा उसका उपयोग करना पुलिस कर्मियों को सिखाया गया । इसके लिये पुलिस विभाग आपका हृदय से आभारी है ।

मुझे आशा ही नहीं वरन् पूर्ण विश्वास है कि उक्त कार्यक्रम के पुलिस विभाग में संचालन हेतु आप भविष्य में भी अपना अमूल्य योगदान देते रहेंगे ।

(कृष्ण कुमार वी०के०)
पुलिस अधीक्षक,
अल्मोड़ा ।

For more details about the workshop contact to Prof. J.S.Rawat, Director, COE NRDMS in Uttarakhand, Department of Geography, Kumaun University SSJ Campus Almora-263601, Uttarakhand for Details about COE NRDMS in Uttarakhand, visit www.coenrdmsalmora.org

COE NRDMS CENTRE



KUMAUN UNIVERSITY SSJ CAMPUS ALMORA

