



UNITED NATIONS DEVELOPMENT PROGRAM

**Afghanistan Information Management Service
(AIMS)**



**Building Information Management
Capacity at AGCHO
January to June 2004**

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AGCHO Background

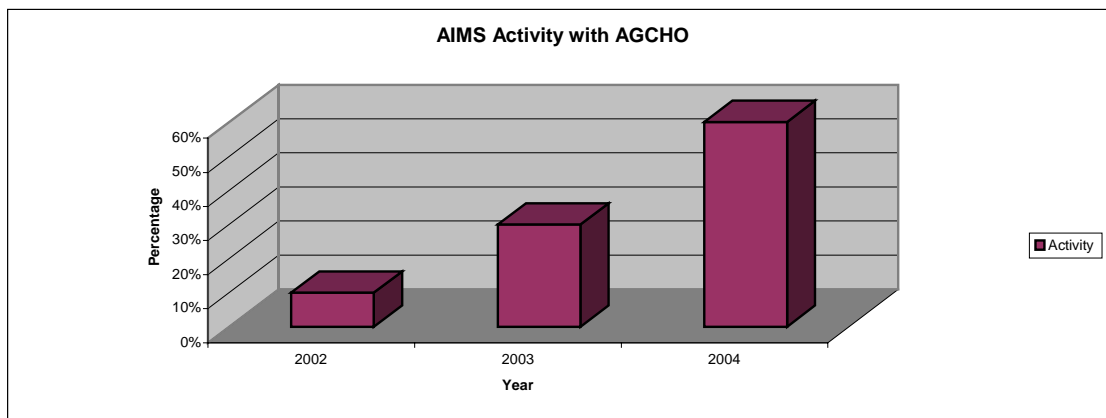
Afghanistan Geodesy and Cartography Head Office (AGCHO) is a central government organization, responsible for the production and management of all kinds of land surveys, maps and mapping activities in Afghanistan. These activities include topographic, photo maps, cadastral (land registration), touristic, geographic, geological, atlases, aerial photography, remote sensing, thematic maps, land use / land cover; as well as carrying out geodetic surveys.

AGCHO is comprised of five main departments and these departments directly report to the (AGCHO) General President. These five departments are Photogrammetry, Geodesy, Cadastral, Remote Sensing, and Cartography. The number of employees at AGCHO is estimated to be around 800 among them 513 are technical staff. Many of them were trained in the former Soviet Union on various mapping and surveying technology. In the past AGCHO technical staff used various high-precision surveying instruments for establishing geodetic control points, baselines, and extending geodetic leveling lines all over the country with the highest degree of accuracy to provide essential base for topographic mapping.

Due to the fact that AGCHO is providing services for the whole country, it has sixteen regional offices, which are primarily Cadastral offices with the exception of four regional offices that also have Geodesy capabilities. These four offices include Kandahar, Hirat, Mazar, and Kundus. Over the year due to unstable political situation the regular AGCHO activities have been virtually non-functional.

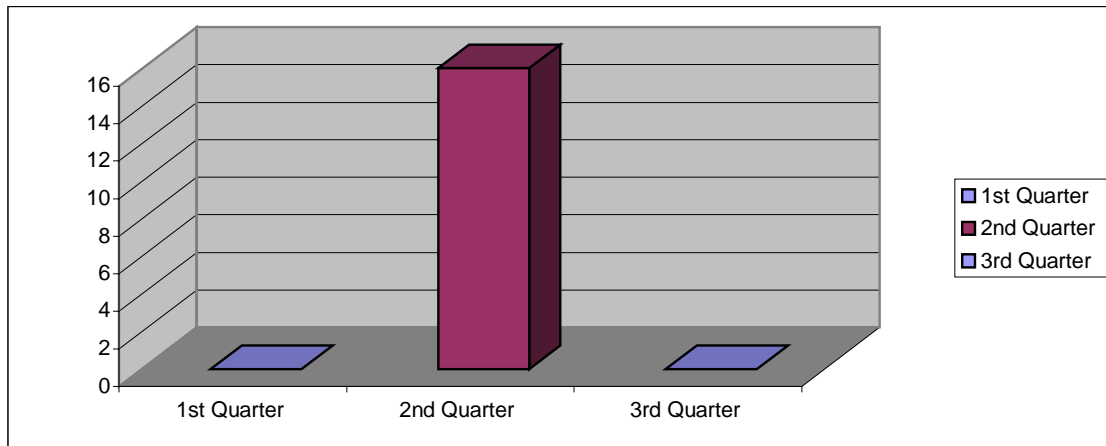
AIMS and AGCHO Relationship

The relationship between AGCHO and AIMS started sometime around mid year of 2002, but it has improved vastly within the last six months. This has to do with the fact that AIMS staff is consistent and always looking for new opportunities to improve the relationship between the two organizations. In addition to offering GIS courses to AGCHO staff, AIMS is now offering on site training in Basic Computers and English language to about 20% of AGCHO technical staff. Despite the progress, there are always new challenges set by AGCHO and AIMS staff overcomes them.



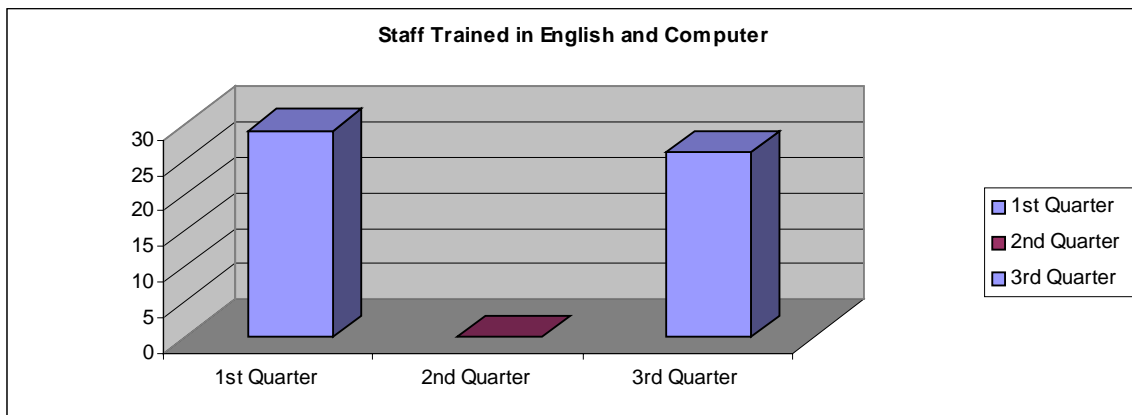
The need for guidance and support has been emphasized several times during series of meetings with the President of AGCHO and head of all five departments.

GIS Training



Since the start of relationship between AIMS and AGCHO, there has been about 29 staff that has been trained by AIMS on how to utilize ArcView application, which is one of the GIS software. Out of the 29 staff, about five of them are working on the hydrology project and the remaining staffs do not utilize it on daily basis. The goal of AIMS staff is to make sure that the trainees utilize the skills they acquired to be more productive at their workplace. In order to achieve this goal, AIMS would have to produce more GIS projects such as updating the Kabul City Map. In addition to the above training, AIMS also trained one staff from AGCHO to utilize large format scanners. This training was in collaboration between AIMS, AGCHO and the Center Statistic Office (CSO).

Basic Computer and English Language Training



The total number of AGCHO staff trained in Basic computing and English are 26 to date. These staffs were able to complete both level one and two of the New InterCom books. When the course for these staff was complete, then most of them attended the GIS training course at AIMS. In addition to the above staff trained, there are new classes that started June 16, 2004, which holds about 26 students, who will be completing four levels (Level 1 to Level 4) in six months period. Out of these 26 staff there are about 11 staff that are the heads of departments. Due to lack of consistency and responsibility at AGCHO, it is in the plans to start Basic Computing course for the 10 students out of 15 students who are enrolled in the Basic English course. It is absolutely necessary for one of AIMS staff to spend almost 60 percent of his/her time at monitoring the two courses. You can see Annex 11 for English and Computer Project

3. Helping with the process of sending one staff from the Remote Sensing and GIS department to a 8 weeks training in Indonesia on Mid-term Training Course on Remote Sensing and Geographic Information Systems Technologies for Integrated Water and Land Resources Management
4. Wrote proposals for AGCHO to identify 3 major projects and actively seek donors to support the proposals
5. AIMS actively supporting AGCHO's regional offices in Hirat, Mazar, Kunduz, Jalalabad and Kandahar.
6. Writing proposals and obtaining funds in the regional offices, thus far Hirat has succeeded in finding funds

Financial Support

It is not the responsibility of AIMS to directly support AGCHO financially, however AIMS does it best to help AGCHO with other means such as providing training in computers, Basic English language and GIS. In addition, AIMS has directly helped AGCHO with fixing and running a generator, purchasing curtains and computer covers for two rooms, and teaching/learning materials. The funds that are used for AGCHO's Basic English and Computer courses are derived from the sale of the maps at AIMS office. AIMS regional offices are doing their best to find funds for the AGCHO regional offices in the same cities and thus far Hirat have succeeded in identifying funds for AGCHO office in Hirat. Hirat office has located \$16,000 to set up GIS lab for AGCHO in Hirat office and these funds will be used to purchase 5 computers, 2 color printers (A3 size), 5 Handheld Global Positioning Systems (GPS), 1 generator, 2 Uninterrupted Power Supply (UPS), and send 12 staff to Basic Computer and English language courses. The AIMS office in Jalalabad is in the process of obtaining funds from the PRT unit in Jalalabad to build a new building on AGCHO new purchase land in Jalalabad. Presently, AGCHO office in Jalalabad is in two automobile garages.

Other Support

The recent graduates from AIMS GIS training course also required more supervision and project work to improve their capacity, skills and conceptualization of the complete GIS mapping process, Computing and English Language. In order keep the skills of the existing staff at AGCHO and further develop their new skills, they need to work on practical projects and this is where AIMS plays a strong role. It is very important to keep all the AGCHO staffs involved on various GIS and Remote Sensing projects that will improve their GIS skills, Computer skills, English Language skills and general knowledge about the individual field. To manage this situation AIMS and AGCHO is taking the steps toward the formulation of a Plan of Action. Under this plan AGCHO staff will receive more day-to-day training and involved on real world projects using their GIS lab under close supervision of AIMS staff. This will not only enhance their capacity in GIS skills, Computer and English Language, but also improve the understanding of the process that required from conceptual stage of the project to delivering the product.

List of AGCHO Staff Trained in GIS:

S No.	AGCHO Staff Name	Department	GIS Training by AIMS	GIS Training Date	Remarks
1	Obaidullah	Remote Sensing	Yes	15/01/2003	
2	Hasibullah	Remote Sensing	Yes	15/01/2003	
3	Faiz Mohd	Remote Sensing	Yes	15/01/2003	
4	Akhter Mohd	Project Section	Yes	31/07/2003	
5	Fazal Rahman	Remote Sensing	Yes	31/07/2003	Scanning Training 29/04/2004
6	Sayed Najibullah	Geodesy	Yes	31/07/2003	
7	Mrs. Shamisa	Remote Sensing	Yes	10/8/2003	
8	Ms. Mari	Cartography	Yes	10/8/2003	
9	Mohd Hanif	Remote Sensing	Yes	10/8/2003	
10	Mohd Mukhtar	Remote Sensing	Yes	10/8/2003	
11	Ghulam Hazrat	Remote Sensing	Yes	31/07/2003	
12	Assadullah	Cartography	Yes	29/04/2004	
13	Ms. Sima	Cartography	Yes	20/05/2004	
14	Ibrahim	Cartography	Yes	29/04/2004	
15	Mohd Arif	Geodesy	Yes	29/04/2004	
16	Mohd Nabi	Project Section	Yes	29/04/2004	
17	Mohd Arif	Photogrammetry	Yes	29/04/2004	
18	Abdul Rahman	Cartography	Yes	29/04/2004	
19	Sabir Ahmad	Cartography	Yes	20/05/2004	
20	Said Hafizullah	Cartography	Yes	20/05/2004	
21	Naimatullah	Geodesy	Yes	20/05/2004	
22	Mohd Ishaq	Cadastral Survey	Yes	20/5/2004	
23	Gada Mohd	Cadastral Survey	Yes	20/5/2004	
24	Allah Mohd	Cadastral Survey	Yes	20/05/2004	
25	Mohd Sarwar	Cadastral Survey	Yes	20/5/2004	
26	Nizamodin	Cadastral Survey	Yes	20/5/2004	
27	Painda Mohd		Yes	10/6/2004	
28	Mirwais Mohd	Planning Dept.	Yes	10/6/2004	
29	Pari Gul		Yes	10/6/2004	

List of AGCHO Staff Trained in English:

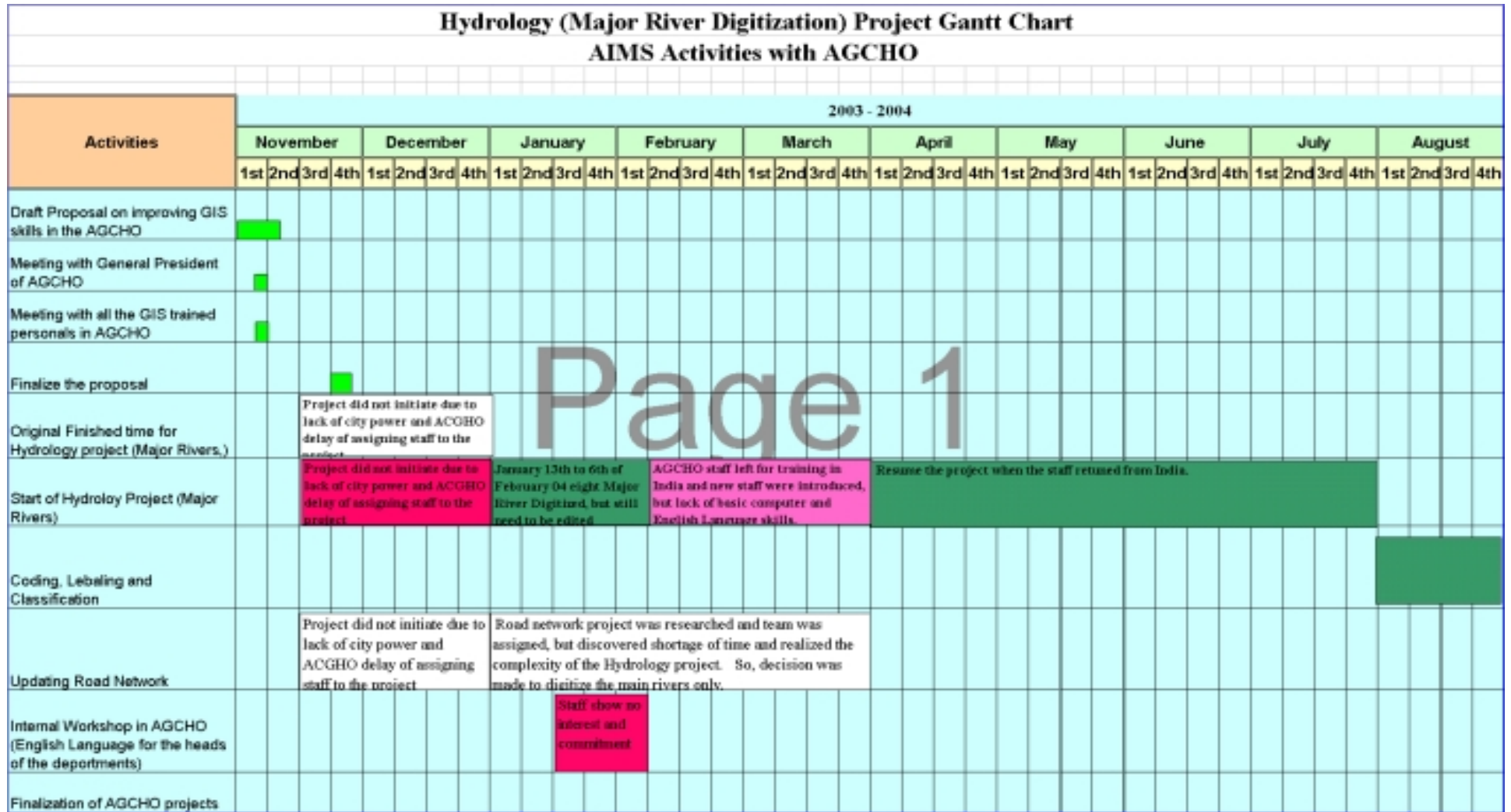
S No.	AGCHO Staff Name	Department	English Training by AIMS	Remarks
1	Mrs. Shamisa	Remote Sensing	Yes	
2	Ms. Mari	Cartography	Yes	
3	Mohd Mukhtar	Remote Sensing	Yes	
4	Assadullah	Cartography	Yes	
5	Ms. Sima	Cartography	Yes	
6	Ibrahim	Cartography	Yes	
7	Nasir Ahmad	Cartography	Yes	
8	Mohd Arif	Geodesy	Yes	
9	Aziz Ahmad	Geodesy	Yes	
10	Mohd Nabi	Project Section	Yes	
11	Mohd Zahir	Cadastral Survey	Yes	
12	Mohd Arif	Photogrammetry	Yes	
13	Ms. Rabia	Photogrammetry	Yes	
14	Abdul Rahman	Cartography	Yes	
15	Mahbobullah	Cartography	Yes	
16	Said Karim	Cartography	Yes	
17	Sabir Ahmad	Cartography	Yes	
18	Said Hafizullah	Cartography	Yes	
19	Floran	Cartography	Yes	
20	Noor Mohd	Geodesy	Yes	
21	Aziz Ahmad	Geodesy	Yes	
22	Naimatullah	Geodesy	Yes	
23	Mohd Ishaq	Cadastral Survey	Yes	
24	Gada Mohd	Cadastral Survey	Yes	
25	Allah Mohd	Cadastral Survey	Yes	
26	Mohd Sarwar	Cadastral Survey	Yes	
27	Nizamodin	Cadastral Survey	Yes	
28	Painda Mohd		Yes	
29	Pari Gul		Yes	

List of AGCHO Staff Trained in Computer:

S. No	AGCHO Staff Name	Department	Computing Training by AIMS	Remarks
1	Mrs. Shamisa	Remote Sensing	Yes	
2	Ms. Mari	Cartography	Yes	
3	Mohd Mukhtar	Remote Sensing	Yes	
4	Assadullah	Cartography	Yes	
5	Ms. Sima	Cartography	Yes	
6	Ibrahim	Cartography	Yes	
7	Nasir Ahmad	Cartography	Yes	
8	Mohd Arif	Geodesy	Yes	
9	Aziz Ahmad	Geodesy	Yes	
10	Mohd Nabi	Project Section	Yes	
11	Mohd Zahir	Cadastral Survey	Yes	
12	Mohd Arif	Photogrammetry	Yes	
13	Ms. Rabia	Photogrammetry	Yes	
14	Abdul Rahman	Cartography	Yes	
15	Mahbobullah	Cartography	Yes	
16	Said Karim	Cartography	Yes	
17	Sabir Ahmad	Cartography	Yes	
18	Said Hafizullah	Cartography	Yes	
19	Floran	Cartography	Yes	
20	Noor Mohd	Geodesy	Yes	
21	Aziz Ahmad	Geodesy	Yes	
22	Naimatullah	Geodesy	Yes	
23	Mohd Ishaq	Cadastral Survey	Yes	
24	Gada Mohd	Cadastral Survey	Yes	
25	Allah Mohd	Cadastral Survey	Yes	
26	Mohd Sarwar	Cadastral Survey	Yes	
27	Nizamodin	Cadastral Survey	Yes	
28	Painda Mohd		Yes	
29	Pari Gul		Yes	

Annex 1 and Annex 11

Hydrology (Major River Digitization) Project Gantt Chart
AIMS Activities with AGCHO



Page 1

