



AFGHANISTAN INFORMATION MANAGEMENT SERVICE

KABUL OFFICE ANNUAL REPORT

DECEMBER, 2003



UNITED NATIONS DEVELOPMENT PROGRAM

1. Forward

Background

AIMS was established in Afghanistan in early 2002 during the international response to the fall of the Taliban government. It worked within UNAMA to deliver basic mapping and information management services to the humanitarian community. Throughout 2002 AIMS continued to deliver these services but also instigated incipient capacity building projects that would eventually become the main focus of operations in 2003.

The primary mandate of AIMS is building information management capacity within the Afghan government. The counterpart government department is the Afghanistan Geodesy and Cartography Head Office (AGCHO). In addition, the Kabul office focuses on providing information management and GIS (Geographic Information System) support to nation-wide reconstruction and development projects. The Kabul office inherently operates at a national level and is influential in establishing national standards and providing services and advice to government and UN agencies. The ability to liaise within Heads of Agencies, Ministries, and Donor organization gives AIMS the advantage of being an “on-the-ground” source of technical knowledge and assistance.

The AIMS Kabul office is the hub of the project and supports the five regional AIMS offices of Jalalabad, Mazar-I-Sharif, Kunduz, Hirat, and Kandahar.

New Mandate

2003 saw the transition of AIMS from a UNOCHA Humanitarian Information Unit supporting the Afghanistan emergency response, to a UNDP project building information management capacity in government. This shift in mandates was accomplished by internal alignment of priorities and restructuring of departments in four phases referred to as Audit, Focus, Enable and Deliver.

During the Audit phase a complete assessment of all AIMS activities were undertaken.

- Project Database: Created internal databases for reporting and tracking projects and achievements which resulted in an increased coordination structure within AIMS and a more focused delivery of services.
- Personnel Audit: Assessment of workloads and staffing needs within AIMS
- IT Audit: Inventory and assessment of AIMS IT capacity in all six offices with an eye toward future needs.
- Financial Audit: Close examination of AIMS finances, and funding.

The Project Focus phase followed up the audit with specific actions identified as necessary to correct problems and put the project on a firm footing for future activities.

- SWOT Analysis - Strengths, Weaknesses, Opportunities, Threats: Using business and organizational analysis techniques to plan a strategy for AIMS.

- Project Document: The project document was revisited and rewritten to reflect the new vision, direction, and partners of AIMS for the next two years.
- Liaison with Government: Links with crucial government bodies were established to introduce the “new” project and enable AIMS to pursue its mandate.

The Project Enable phase instituted the new organizational structure with concrete actions and ideas and was the first realization of the new mandate. The structures were created to build new capacity within AIMS and to allow a platform for future development.

- Establishment of the Customer Services department including cost recovery for maps and request tracking database for map sales and cash flow.
- Weekly regional and departmental reporting formalized.
- Assessment and comparison of AIMS, Government, and commercial information management training offered in Kabul.
- Realignment of AIMS training course to an intensive 10-day program.
- All-AIMS training workshop on project management.
- Creation of a structured human resources system allowing for a logical progression and hierarchy of responsibility. This includes new TORs for all positions and appropriate financial compensation to ensure retention of staff.
- 2004 project proposal finalized and project document signed.
- Introduced Peer Review system for internal and external publications.
- Internal Remote Sensing and Database training for national staff.
- External GIS, and programming training for national staff.

Project Deliver Phase takes stock of the deliverables and finished projects. Lessons learned are incorporated into future efforts.

- *Please see the following report, tables and lists for a complete description of 2003 projects and deliverables.

2. AIMS Services and Products

The majority of activity at AIMS centers around its projects. These projects can take a variety of forms but typically require some type of GIS mapping or database development. Projects can also include training, coordination, or general advisory and consulting work. Many of the AIMS projects are internal and involve updating or correcting existing maps and databases with new information. Others are long-term programs such as capacity building in government. AIMS will only choose projects that meet the criteria of capacity building or contribute to better geographic and development data in Afghanistan.

2.1 Project Services

Following is a partial list of completed and on-going projects for 2003.

Project Services	Beneficiary	AIMS Involvement
Admin Map Dari	Gov.	GIS Translation, graphic presentation
Kabul City Map in Dari	Gov.	GIS Translation, graphic presentation
Road Distance Map	Gov.	GIS data coordination, graphic presentation
Disability Services in Afghanistan	CDAP	GIS data coordination, graphic presentation
WDWW Sectoral Activities Maps (Update).	Gov., Assistance comm	GIS data coordination, graphic presentation
Road Recostruction and Status	JICA, Gov., Assistance comm	GIS data coordination, graphic presentation
AREA Activities in Afghanistan	AREA	GIS data coordination, graphic presentation
Total Contribution to Self-Sufficiency	WFP, Gov., Assistance comm	GIS data coordination, graphic presentation
Security Phases and Incidents	UNSECORD	GIS data coordination, graphic presentation
District Pop. Per Health Facility (Updated)	MSH, Gov., Assistance comm	GIS data coordination, graphic presentation
Dist. Population Per Health Worker (Update)	MSH, Gov., Assistance comm	GIS data coordination, graphic presentation
Dist. Population Per Health Medical Doctor	MSH, Gov., Assistance comm	GIS data coordination, graphic presentation
Disability Services by Organization	CDAP, UNOPS, Gov., Assistance comm	GIS data coordination, graphic presentation
Kabul City Map Ward Wise	Gov., Assistance comm	GIS data coordination, graphic presentation
Risk Areas for UN Movement	UN	GIS data coordination, graphic presentation
Admin Province Centers	Gov., Assistance comm	GIS data coordination, graphic presentation
ABLE Libraries In Afghanistan	ABLE, Gov., Assistance comm	GIS data coordination, graphic presentation
AREU A-Z guide	AREU, Gov., Assistance comm	Produces Custom maps for guidebook
Essential Field Guide	Gov., Assistance comm	Produces Custom maps for guidebook
School Mapping Exercise	UNAMA	Customized maps and database
National School Survey	WFP, USAID, ADB, UNICEF, UNESCO	GIS, Database, Coordination, Survey Desgin
Winterization Snow Clearance	UNJLC, Gov, Assistance comm	Location mapping of project points
Watershed Map and Atlas	FAO, Gov, Assistance comm	GIS mapping and analysis, grapical layouts
Location of UN Offices	UNAMA	Mapping, Printing
NEEP Mapping	UNOPS, MRRD	Mapping NEEP data
Poppy Eradication Planning Map	UNODC, Gov, Donors	Decision matrix, maps for poppy eradication
NCA Activities Map	NCA	GIS mapping of NCA activities
Malaria Map	Healthnet, MoPH, Assistance comm	GIS mapping of Malaria Villages
Whooping Cough Map	WHO, MoPH	Disease outbreak location map
Afghanistan Rivers Map	AIMS, Gov	Updating River Shapefiles
Provincial Landcover Update	AIMS	Updating Prov. Landcover with Admin features
Physical Map Dari	Gov	GIS Translation, graphic presentation
Physical Map English	Gov, Assistance comm	Physical Map with roads and major towns
Physical Map 9 Sheets	Gov, Assistance comm	Large scale map for graphical representation
TB Map	WHO, MoPH	TB map used for program planning
Livelihoods Maps	WFP VAM, MRRD, WFP	Pilot and test maps for NRVA/WFP data
Donor Maps	EC, WB	Location mapping of project and funding
Kandahar Hirat Road Impact	USAID, Louis Berger	Mapping influence of road project

Kabul Post Offices Map	UNDP, Gov	GIS Mapping
BPHS Coverage	MSH, MoPH, Assistance comm	GIS Mapping of District Coverage
ACTED Operations Map	ACTED	Areas of ACTED activities
AACA Kabul Road Work	AACA, Gov, Assistance comm	Road Specs for Reconstruction
Kabul Guesthouses	UN	Data Coordination, Mapping
Embassies, Ministries, Court	Gov, Assistance comm	Data Coordination, Mapping
Kabul UN Offices	Assistance comm	Data Coordination, Mapping
Health Maps	MSH, MoPH, Assistance comm	Data Coordination, Mapping, GIS, Analysis
Health Maps Dari	MSH, MoPH	Data Coordination, Mapping, GIS, Analysis
Geocode Map Dari	Gov.	Translation, GIS, graphic presentation
Geocode Map English	Gov. UN, Assistance comm	Translation, GIS, graphic presentation
Kabul City Map	Gov. UN, Assistance comm	GIS mapping, graphic presentation
Kabul Landmarks	Gov, Assistance comm	Translation, GIS, graphic presentation
Kabul Old City	Gov, Assistance comm	Translation, GIS, graphic presentation
Kabul City Districts	Gov, Assistance comm	Translation, GIS, graphic presentation
Admin Divisions and Province Centers	Gov, Assistance comm	Mapping and Layout
NOVIB/ADA activities	NOVIB/ACA	Mapping and Layout
Air Routes of Afghanistan	ISAF, MoCA	Data Cleaning, Mapping, Layout
GOALSurvey, Project Mapping	GOAL	Village location, GIS, graphic presentation
Rosewater Production	UNODC, Gov, Donors	Analysis growing areas, GIS, Data lists
ADA Activities	ADA	GIS mapping of ADA activities, Data cleaning
Solid Waste Sites	Habitat, Kabul Municipality	GIS mapping of potential sites
Seed Distribution Map	FAO, Gov, Assistance comm	GIS mapping, Data consulting
Nursery Status	FAO, Gov, Assistance comm	GIS mapping, Data consulting
Disability Services Map	UNOPS, MRRD	GIS mapping, Data consulting
Road Map	Crown Agents	Customized maps and database
Grants Area	IOM	Customized maps
Administrative Divisions Update	AIMS internal	Updating and aligning boundaries
Currency Exchange Points	AACA, MoF	GIS mapping of Currency Exchange Points
Provincial Map Update	AIMS internal	Correcting Provincial maps with new data
Satellite Image Processing	MoUD	Processing, tiling, and stocking images
Translation of Village Names	UNAMA, DDR	DDR data management, place name translation
Development of AIMS training materials	AIMS, Gov.	Producing new training course and materials for GIS, Remote Sensing, Databases, GPS.

2.2 Training Services

In 2003 training became an increasing large and important part of the AIMS project. In order to build capacity in government, especially in GIS and information management, AIMS streamlined and accelerated its training program. This new, efficient process selectively targets key government staff in line ministries who will require the specialized training available at AIMS. The current GIS course consists of 10 days of intensive lectures and practice sessions, and is offered every three weeks.

Upon successful completion selected trainees are invited to become counterparts at AIMS. Counterparts are able to work on their specific projects, enjoying the benefits of technical support, access to GIS files, and the influence of the positive work culture in the office.

The following tables show the AIMS training and counterpart activity in 2003.

Counterparts

ORGANIZATION	NUMBER OF COUNTERPARTS
CSO	5
ACHGO	6
FAO	1
US Army Corps. Engineers	1
MoMines and Industry	2
UNICEF	2
DACAAR	1
WFP	2
Ministry of Public Works	2
Ministry of Defense	2

Training

	Gov	UN/NGO
GIS	74	22
Orientation to IM	200	103
IM for Disasters	0	0
Data Collection	5	9
Survey and DB	1	1
GPS	38	16
MS Excel	0	1
MS Access	0	0
Place Names	12	4
Total	330	156
Grand Total		486

a. **Customer Services**

The customer service department of AIMS is unique among UN agencies and organizations in Afghanistan. It is based on a business model of service provision where the customer's request is filled in a fast, friendly manner with great attention to special needs or additional support. In the Kabul office customers are free to browse through the AIMS map and atlas collection, or request standard and non-standard maps in a variety of sizes. They may also meet with AIMS staff regarding technical or specialized requests.

In 2003 AIMS instituted a cost recovery program whereby customers pay for maps and digital data. The cost recovery system reinforces the professional atmosphere of the customer services department and reminds customers of the value of the products they receive. The money generated from the sale of maps is put directly into the AIMS capacity building program in the form of GIS and database training for government employees. All maps and data are provided free to government.

	Jan-Aug, 2003*	Sept	October	November
Maps	4050	433	487	442
Requests	1308	162	147	127
Organizations	804	98	96	74
\$USD	No cost recovery	\$3135	\$4297	\$3098

* Jan – Aug, 2003 figures are estimates only.

The AIMS website serves customers globally and provides daily updates of Afghanistan news, situation reports, analysis, maps, and data. The site acts as an information portal for the general public as well as the humanitarian community, government, and academic researchers. The website receives an average of 510 hits per day, and 1644 new documents were posted in 2003.

2.3 Advisory Services

AIMS provides advisory service for clients on a walk-in and appointment basis in the Kabul Office. They are able to meet with international and Afghan GIS and database specialists who will freely give advice as needed. The unique experience and skills of the AIMS staff enable them to comment on a wide variety of topics, with a clarity and expertise rarely found in similar environments. Many of the requests involve semi-technical questions regarding the nature of mapping, data collection and GIS in Afghanistan. Most clients are unfamiliar with the special problems of geographic and demographic data in Afghanistan and require guidance for implementing projects, surveys, and programs. Other requests may center on orientation, coordination, and availability of certain data sets, and who to contact for that data. The clients are from a wide variety of backgrounds and institutions, with the majority being international technical consultants working for UN agencies, NGOs, Afghan Government, and private companies. Following is a partial list of client organizations seeking advisory services in 2003:

NGO	Government / Public Institutions	Private	Military	UN
ACBAR	AACA	Chemonics	ISAF	FAO
ACF	ADB	Bearing Point	JCMOTF	Habitat
ACTED	AGCHO	BETS	USACE	ILO
Action Aid	CDC	RRI Beller	CMCOORD	IOM
ADRA	CIDA	SOGEA	NIMA	IRIN
NGO	Government / Public Institutions	Private	Military	UN
			TF180	
Afrikmedia	City of Lyon	WMI	PRT	UNAMA

AKDN	City of Olympia	AGEF	UNESCO
ANCB	Civil Service Commision	COMPSI	UNHCR
AREA	Correctional Services of Canada	Louis Berger	UNICEF
BHF	CSO	GRRL	UNJLC
CARITAS	DFID	Chicago Tribune	UNMACA
CHA	Dutch Embassy	BBC	UNODC
CHF	EC	Main Street Economics	UNSECORD
CORDAID	ECHO	Mud Springs Geog.	WHO
Crosslines	Embassy of Japan	Angelique Int.	
CSF	FEWS	Sheladia	
DACAAR	German Embassy	ARX New York	
FINMAP	IDLO	Pro Yapi Design	
FOCUS	IMF	HTS	
Gobal Partnership for Af.	Italian Embassy	DG Interprojects	
GURD	IUED	Nippon Koei	
Health Net	JICA	Big River Pictures	
Help the Afghan Children	Kabul University	Meritec	
Hope	London School of Tropical Medicine	Crown Agents	
ICRC	M. of Foreign Affairs-Japan	IDS	
IMC	Michigan State U.	Tryco	
INERSOS	Min. of Health-Japan	Ronco	
Internews	Ministry of Agriculture	SCIS	
IRIS	Ministry of Civil Aviation	Halcrow	
IWMI	Ministry of Communications	Rafiq Assoc.	
Klimaka	Ministry of Finance	JBG	
MC	Ministry of Interior	PADCO	
medair	Ministry of Irrigation Water Res.	DAI	
Media Action Int.	Ministry of Justice	AM Design	
MSH	Ministry of Mines and Ind.	Afghan Survey	
NCA	Ministry of Public Health	MAMMUT	
NRC	Ministry of Urban Dev. Housing	Land Equity Int.	
RMS	Minstry of Public Works	Interconsult	
SAC	MRRD		
SCA	NEEP		
SCF	New York University		
SDF	SDC		
Swiss Peace	Tufts University		
Tearfund	U. of California, Davis		
Women for the World	U. of Hartford		
Women for Women	U. of York		
	US Embassy		
	US State Dept.		
	USAID		
	USGS		
	World Bank		

2.4 Map Products Distributed

AIMS distributes a wide variety of maps in different sizes. These include: Satellite Images, Physical maps, Administrative maps, Thematic Maps, Topographic, Landcover etc... Following is a list of individual AIMS map products distributed in 2003.

<u>Number</u>	<u>Map Title</u>	<u>Sizes</u>
1	Ab Band	A3
2	Administrative Divisions Map (National)	A0
3	Administrative Divisions Map (National)	A1
4	Administrative Divisions Map (National)	A2
5	Administrative Divisions Map (National)	A3
6	Administrative Divisions Map (National)	A4
7	Administrative Divisions Map (National)	OTHER
8	Ajristan	A3
9	Alasay	A3
10	Aliabad	A3
11	Andar	A3
12	Andarab	A3
13	Archi	A3
14	Arghandab	A3
15	Arghistan	A3
16	Atghar	A3
17	Aybak	A3
18	Azra	A3
19	Badakhshan	A1
20	Badakhshan	A2
21	Badghis	A1
22	Baghlan	A1
23	Baghlan	A3
24	Baghlani Jadid	A3
25	Bagram	A3
26	Bagrami	A3
27	Baharak	A3
28	Bahrami Shahid(Jaghatu)	A3
29	Balkh	A1
30	Balkh	A3
31	Bamyan	A0
32	Bamyan	A1
33	Bamyan	A3
34	Bangi	A3
35	Baraki Barak	A3
36	Burka	A3
37	Chaghcharan	A3
38	Chah Ab	A3
39	Chahar Asyab	A3
40	Chahar Bolak	A3
41	Chahar Dara	A3
42	Chahar Kint	A3

43	Chaharikar	A3
44	Chal	A3
45	Chamkani	A3
46	Charkh	A3
47	Chimtal	A3
48	City Map Hirat	A1
49	City Map Hirat	A2
50	City Map Hirat	A3
51	City Map Jelalabad	A1
52	City Map Jelalabad	A2
53	City Map Jelalabad	A3
54	City Map Kabul	A0
55	City Map Kabul	A1
56	City Map Kabul	A2
57	City Map Kabul	A3
58	City Map Kabul	A4
59	City Map Kandahar	A1
60	City Map Kandahar	A2
61	City Map Kandahar	A3
62	City Map Kunduz	A0
63	City Map Kunduz	A1
64	City Map Kunduz	A2
65	City Map Kunduz	A3
66	City Map Mazar	A1
67	City Map Mazar	A2
68	City Map Mazar	A3
69	Climate Map	A1
70	Climate Map	A3
71	Complete District Set	A3
72	Complete Provincial Land Cover Set	A1
73	Complete Provincial Land Cover Set	OTHER
74	Complete Provincial Set	A1
75	Complete Topographic Set	A2
76	Dahana-I- Ghori	A3
77	Dand Wa Patan	A3
78	Dara-I- Suf	A3
79	Darqad	A3
80	Darwaz	A3
81	Dawlatabad	A3
82	Day Kundi	A3
83	Day Mirdad	A3
84	Daychopan	A3
85	Dih Sabz	A3
86	Dih Yak	A3
87	Dihdadi	A3
88	District Vulnerability Maps	A1
89	District Vulnerability Maps	A2
90	District Vulnerability Maps	A3

91	District Vulnerability Maps	A4
92	District Vulnerability Maps	OTHER
93	Dushi	A3
94	Farah	A1
95	Farkhar	A3
96	Faryab	A1
97	Faryab	A2
98	Fayzabad	A3
99	Gardez	A3
100	Gelan	A3
101	Geological Map	A1
102	Ghazni	A1
103	Ghazni	A3
104	Ghor	A1
105	Ghorak	A3
106	Ghorband	A3
107	Giro	A3
108	Guldara	A3
109	Gulran	A3
110	Guzara	A3
111	Hazrati Sultan	A3
112	Health Maps	A2
113	Health Maps	A3
114	Health Maps	A4
115	Health Maps	OTHER
116	Hilmand	A1
117	Hilmand	A2
118	Hirat	A1
119	Hirat	A3
120	Hisa-I- Awali Bihsud	A3
121	Hisa-I-Awali Panjsher	A3
122	Hisa-I-Duwumi Panjsher	A3
123	Hydrology	A1
124	Imam Sahib	A3
125	Injil	A3
126	Ishkamish	A3
127	Ishkashim	A3
128	Istalif	A3
129	Jabalussaraj	A3
130	Jadran	A3
131	Jaghatu	A3
132	Jaghuri	A3
133	Jaji	A3
134	Jalrez	A3
135	Jani Khel	A3
136	Jawzjan	A1
137	Jurm	A3
138	Kabul	A1

139	Kabul	A3
140	Kahmard	A3
141	Kalafgan	A3
142	Kalakan	A3
143	Kaldar	A3
144	Kandahar	A1
145	Kandahar	A2
146	Kandahar	A3
147	Kapisa	A1
148	Karukh	A3
149	Khaki Jabbar	A3
150	Khakrez	A3
151	Khanabad	A3
152	Khinjan	A3
153	Khost	A1
154	Khost Wa Firing	A3
155	Khulm	A3
156	Khuram Wa Sarbagh	A3
157	Khushi	A3
158	Khwahan	A3
159	Khwaja Du Koh	A3
160	Khwaja Ghar	A3
161	Kishim	A3
162	Kishindh	A3
163	Koh Band	A3
164	Kohi Safi	A3
165	Kohistan	A3
166	Kohistan	A3
167	Kohsan	A3
168	Kunar	A1
169	Kunduz	A1
170	Kunduz	A2
171	Kunduz	A3
172	Kuran Wa Munjan	A3
173	Kushk	A3
174	Laghman	A1
175	Lal Wa Sarjangan	A3
176	Land Cover Map (National)	A0
177	Land Cover Map (National)	A1
178	Land Cover Map (National)	A2
179	Land Cover Map (National)	A3
180	Land Cover Map (National)	OTHER
181	Lashkar Gah	A3
182	Lija Mangal	A3
183	Location of Embassies in Kabul	A1
184	Location of Embassies in Kabul	A2
185	Location of Embassies in Kabul	A3
186	Location of Embassies in Kabul	A4

187	Location of Ministeries in Kabul	A1
188	Location of Ministeries in Kabul	A2
189	Location of Ministeries in Kabul	A3
190	Location of Ministeries in Kabul	A4
191	Location of NGO's in Kabul	A1
192	Location of NGO's in Kabul	A2
193	Location of NGO's in Kabul	A3
194	Location of UN Offices in Kabul	A1
195	Location of UN Offices in Kabul	A2
196	Location of UN Offices in Kabul	A3
197	Location of UN Offices in Kabul	A4
198	Location of UNAMA Guest Houses	A1
199	Location of UNAMA Guest Houses	A2
200	Location of UNAMA Guest Houses	A3
201	Logar	A1
202	Mahmud Raqi	A3
203	Malistan	A3
204	Markazi Bihsud	A3
205	Marmul	A3
206	Maruf	A3
207	Maydan Shahr	A3
208	Maymana	A3
209	Maywand	A3
210	Mazari Sharif	A3
211	Mir Bacha Kot	A3
212	Mizan	A3
213	Muhammad Agha	A3
214	Muqur	A3
215	Musayi	A3
216	Nad Ali	A3
217	Nahri Shahi	A3
218	Nahrin	A3
219	Nangarhar	A1
220	Nawa	A3
221	Nawur	A3
222	Nijrab	A3
223	Nimroz	A1
224	Nirkh	A3
225	Nuristan	A1
226	Other	A1
227	Other	A2
228	Other	A3
229	Other	A4
230	Paghman	A3
231	Paktika	A1
232	Paktya	A1
233	Paktya	A2
234	Panjab	A3

235	Panjsher	A3
236	Parwan	A1
237	Pasaband	A3
238	PH41-01	A2
239	PH41-02	A2
240	PH41-03	A2
241	PH41-04	A2
242	PH41-05	A2
243	PH41-06	A2
244	PH41-07	A2
245	PH41-08	A2
246	PH41-09	A2
247	PH41-10	A2
248	PH41-11	A2
249	PH41-12	A2
250	PH42-01	A2
251	PH42-02	A2
252	PH42-03	A2
253	PH42-05	A2
254	PH42-09	A2
255	Physical Map (National)	A0
256	Physical Map (National)	A1
257	Physical Map (National)	A2
258	Physical Map (National)	A3
259	Physical Map (National)	OTHER
260	Physical Map in Four Sheets (National)	A1
261	Physical Map in Four Sheets (National)	OTHER
262	PI41-01	A2
263	PI41-02	A2
264	PI41-03	A2
265	PI41-04	A2
266	PI41-05	A2
267	PI41-06	A2
268	PI41-07	A2
269	PI41-08	A2
270	PI41-09	A2
271	PI41-10	A2
272	PI41-11	A2
273	PI41-12	A2
274	PI41-13	A2
275	PI41-14	A2
276	PI41-15	A2
277	PI41-16	A2
278	PI42-01	A2
279	PI42-02	A2
280	PI42-03	A2
281	PI42-04	A2
282	PI42-05	A2

283	PI42-06	A2
284	PI42-07	A2
285	PI42-08	A2
286	PI42-09	A2
287	PI42-10	A2
288	PI42-11	A2
289	PI42-12	A2
290	PI42-13	A2
291	PI42-14	A2
292	PI42-15	A2
293	PJ41-12	A2
294	PJ41-15	A2
295	PJ41-16	A2
296	PJ42-07	A2
297	PJ42-08	A2
298	PJ42-09	A2
299	PJ42-10	A2
300	PJ42-11	A2
301	PJ42-12	A2
302	PJ42-13	A2
303	PJ42-14	A2
304	PJ42-15	A2
305	PJ42-16	A2
306	PJ43-09	A2
307	PJ43-10	A2
308	PJ43-13	A2
309	PJ43-14	A2
310	Population Density Map	A1
311	Population Density Map	A2
312	Population Density Map	A3
313	Population Density Map	A4
314	Printing	A1
315	Printing	A2
316	Puli Alam	A3
317	Puli Khumri	A3
318	Qala-I- Zal	A3
319	Qalat	A3
320	Qarabagh	A3
321	Ragh	A3
322	Reg	A3
323	Regional Map Central	A1
324	Regional Map Central	A2
325	Regional Map Central	A3
326	Regional Map Central	A4
327	Regional Map East Central	A2
328	Regional Map East Central	A3
329	Regional Map Eastern	A2
330	Regional Map Eastern	A3

331	Regional Map Eastern	A4
332	Regional Map North East	A1
333	Regional Map North East	A2
334	Regional Map North East	A3
335	Regional Map North East	A4
336	Regional Map Northern	A1
337	Regional Map Northern	A2
338	Regional Map Northern	A3
339	Regional Map Northern	A4
340	Regional Map South East	A0
341	Regional Map South East	A1
342	Regional Map South East	A2
343	Regional Map South East	A3
344	Regional Map Southern	A2
345	Regional Map Southern	A3
346	Regional Map Southern	A4
347	Regional Map Western	A1
348	Regional Map Western	A2
349	Regional Map Western	A3
350	Regional Map Western	A4
351	Rivers Map	A0
352	Rivers Map	A1
353	Road Network Map	A0
354	Road Network Map	A1
355	Road Network Map	A2
356	Road Network Map	A3
357	Road Status Map	A1
358	Road Status Map	A2
359	Road Status Map	A4
360	Roads and Distances	A1
361	Russian 1:50,000	A1
362	Russian CD 1	A1
363	Russian CD 1	OTHER
364	Russian CD 10	OTHER
365	Russian CD 11	A1
366	Russian CD 11	OTHER
367	Russian CD 12	OTHER
368	Russian CD 13	OTHER
369	Russian CD 2	A1
370	Russian CD 2	OTHER
371	Russian CD 3	OTHER
372	Russian CD 4	OTHER
373	Russian CD 5	OTHER
374	Russian CD 6	A0
375	Russian CD 6	A1
376	Russian CD 6	OTHER
377	Russian CD 7	A1
378	Russian CD 7	OTHER

379	Russian CD 8	A1
380	Russian CD 8	OTHER
381	Russian CD 9	OTHER
382	Rustaq	A3
383	Ruyi Du Ab	A3
384	Salang	A3
385	Samangan	A1
386	Sari Pul	A1
387	Satellite Image	A0
388	Satellite Image	A1
389	Saydabad	A3
390	Sayid Karam	A3
391	Scanning	A1
392	Shah Wali Kot	A3
393	Shahjoy	A3
394	Shahrak	A3
395	Shahri Buzurg	A3
396	Shahristan	A3
397	Shakar Dara	A3
398	Shamul	A3
399	Shamulzayi	A3
400	Shekh Ali	A3
401	Shibar	A3
402	Shibirghan	A3
403	Shighnan	A3
404	Shinkay	A3
405	Shinwar	A3
406	Sholgara	A3
407	Shorabak	A3
408	Shortepa	A3
409	Shwak	A3
410	Spin Boldak	A3
411	Surkh Rod	A3
412	Surkhi Parsa	A3
413	Surobi	A3
414	Tagab	A3
415	Takhar	A1
416	Tala Wa Barfak	A3
417	Taluqan	A3
418	Tarnak Wa Jaldak	A3
419	Taywara	A3
420	Tectonic Map	A1
421	Tectonic Map	A2
422	Tulak	A3
423	UN Security Phases Map	A1
424	UN Security Phases Map	A2
425	UN Security Update Map	A1
426	UN Security Update Map	A3

427	UN Security Update Map	A4
428	Uruzgan	A1
429	Uruzgan	A2
430	Uruzgan	OTHER
431	Wakhan	A3
432	Waras	A3
433	Wardak	A1
434	Warsaj	A3
435	WaterShed Map	A1
436	WDWW Maps	A1
437	WDWW Maps	A3
438	Winterization Map	A1
439	Winterization Map	A3
440	Yakawlang	A3
441	Yangi Qala	A3
442	Zabul	A1
443	Zabul	A2
444	Zana Khan	A3
445	Zebak	A3
446	Zurmat	A3

3. Collaboration and Clients

AIMS maintains a wide network of formal and informal contacts within organizations working in Afghanistan. Those contacts often evolve into mutual cooperation on national level projects. Usually this cooperation takes the form of consulting services, customized GIS mapping, database design, survey techniques, and data coordination. On some occasions AIMS staff may accompany organizations in the field to provide real-time GPS or on-site GIS expertise. Clients can benefit from the collaboration by utilizing in-house GIS expertise, a large database of shapefiles and geographic information, and Afghan geographic experience, combined with an active, and friendly service-oriented approach.

AIMS seeks to involve government whenever possible on all collaborative efforts. Clients are encouraged to include their national counterparts in the technical aspects of the project and invite them to all meetings and liaison activities. In appropriate instances AIMS will offer certified GIS training for the national staff and secondment into the AIMS office during the project. This approach has proved successful in developing incipient GIS units in various ministries and diffusing GIS skills across many organizations.

The following table represents the relationship of some of the major collaborative projects of 2003.

Project Collaboration

<u>CLIENT</u>	<u>SECTOR</u>	<u>PROJECT SUPPORTED</u>	<u>VALUE</u>
FAO	Natural Resources	Watershed Atlas	GIS support and mapping to create a tool for natural resource planning.
Habitat	Infrastructure	Map Library	Organized, scanned and cataloged Habitat map library for posterity
UNAMA	Coordination / Human Rights / DDR	WDWW	Created database and maps for humanitarian planning. Constructed, trained and installed Human Rights database. Data consulting and translation for DDR database.
UNJLC	Infrastructure	Winterization	Provided database and GIS support for planning.
UNSECOORD	Security	Security Phases and High Risk Areas	Temporal GIS security mapping.
UNODC	Drug Control	Decision Matrix	Created maps and matrix to target alternative livelihood poppy districts.
UNICEF	Education / Nutrition	RALS/Ed. Survey / Nutrition Mapping	Provided GIS and database assistance to national surveys.
WFP	Education	Food for Education	Data coordination, technical advice, survey design and GIS support to national survey.
ACHGO	Capacity Building	Training Cartography Dept.	Assistance to AGCHO with training, project planning,

			fundraising, and infrastructure.
CSO	Capacity Building	Pre-Census Survey	Technical support with GIS, technical procedures, training.
MoUDH	Infrastructure/Capacity Building	Kabul, Kandahar Urban Planning	Secured, licensed, processed, installed, printed satellite images, and provided training to GIS unit. Used for planning.
MoPW	Infrastructure/Capacity Building	Road Reconstruction / Municipal Water Works	Provided GIS support, coordination, training, and technical assistance.
AACA/ADB	Infrastructure	Road Reconstruction	Provided temporal GIS mapping of road projects. Used as a planning tool by Gov.
Ministry of Civil Aviation / ISAF	Infrastructure	Afghanistan AirRoutes	Provided GIS mapping of current and potential air routes.
Ministry of Public Health / MSH	Health	Health Facility Mapping	GIS, database, survey design, troubleshooting for national survey.
MRRD	Infrastructure / Coordination	NEEP, NSP	Technical assessment and systems analysis for integration of national databases.
AREU	Livelihoods	Livelihoods Database	Constructed livelihoods database, survey design.
CJMTF/PRT	Coordination	Village Assesment Database	Survey design and database for village assessments, to be shared with I.Os.
Ministry of	Education	School Survey	Database

Education			consulting, survey design, GIS services for national survey
Ministry of Finance	Coordination	Dubai Donors Conference	Prepared national maps of activities and areas of interest for donors.
GOAL	Livelihoods	Vulnerability Survey	Assisted with methodology, GIS, database, and locations for national survey.
Ministry of Public Health / Healthnet	Health	National Bednet Program	GIS analysis, data consulting for national malaria program.
USAID / Louis Berger	Infrastructure	Kabul-Kandahar-Hirat Road Project	GIS analysis, data consulting.

Technical Collaboration

AIMS also provides on-site technical support in GIS, databases, LAN networks to various government ministries, UN agencies, and NGOs, and also to those expressing a general need for AIMS expertise. Many of these organizations have received GIS training from AIMS and are frequently involved in collaborative projects with AIMS or international organizations. GIS and databases are highly technical applications that initially require frequent consulting before the user is confident and skilled enough for normal work. AIMS occasionally provides not only GIS and database assistance, but also basic IT support on an ad-hoc basis. The following list shows agencies and government bodies receiving technical support from AIMS in 2003.

<u>GIS</u>	<u>LAN</u>	<u>Database</u>	<u>Maintenance</u>	<u>Technical Assessments</u>
ACF	AGCHO	AREU	AGCHO	AGCHO
ADB	MoFA	AGCHO		CSO
AGCHO	MoUDH	CSO		UNFPA
CSO	UNFPA	DACAAR		
FAO		FAO		
Habitat		MoFA		
ICRC		MoUDH		
ISAF		MSH		
MoIWRE		SDF		
MoPW		UNFPA		
MoUDH		UNICEF		
MSH				

UNHCR
 UNICEF
 UNJLC
 UNMACA
 UNODC
 USACE
 WHO
 World Bank

4. Catalogue of Maps Produced

Following is a partial list of all new or updated maps produced by AIMS in 2003.

See Appendix A for individual maps

Appendix #	SECTOR	MAP	CLIENT	DESCRIPTION
1	Administrative	Geocodes - English	Assistance Community	2-sided color-coded district map, geocodes
2	Administrative	Geocodes - Dari	Government	2-sided color-coded district map, geocodes
3	Administrative	Admin. Boundaries English	Assistance Community	Province and District Boundaries and Names with grid
4	Administrative	Admin. Boundaries Dari	Government	Province and District Boundaries and Names with grid
5	Administrative	Provinces and Centers	Assistance Community	Provinces and Provincial Centers
6	Administrative	Provinces and Regional Countries	Assistance Community	Provinces and Central Asian Neighbors
7	Agriculture	FAO Nusery Irrigation	FAO	Number of Nurseries by district and type of irrigation
8	Agriculture	FAO Nusery Emergencies	FAO	Number of Nurseries by district and type of emergency
9	Agriculture	FAO Nusery Altitude	FAO	Average altitude of nurseries by district
10	Agriculture	FAO Nusery Status	FAO	Number of Nurseries by district and activity status
11	Agriculture	FAO Projects	FAO	Project codes by district
12	Agriculture	FAO Seed Distribution - Wheat	FAO	Rainfed wheat seed distribution by district and type
13	Agriculture	FAO Seed Distribution - Wheat	FAO	Irrigated wheat seed distribution by district and type
14	Agriculture	FAO Implementing Partners	FAO	Implementing partners by district
15	City Maps	Kabul City with Grid	UNSECORD	Downtown Kabul with grid lines
16	City Maps	Post Offices	UNDP	Location of Kabul Post Offices
17	City Maps	UN Offices	UN, Assistance Community	Location of UN Offices
18	City Maps	Embassies, Ministries, Court	UN, Assistance Community	Location of Government offices
19	City Maps	UN Guesthouses	UNSECORD	Location of UN Guesthouses
20	City Maps	Districts	UN, Assistance Community	Single maps of Kabul City districts
21	City Maps	Old City	UN, Assistance Community	Landmarks of Old Kabul
22	City Maps	1:10000	Assistance Community, Gov	Large scale maps of Kabul City
23	City Maps	Landmarks	UN, Assistance Community	B&W map of Kabul Landmarks
24	City Maps	Kabul City	Assistance Community, Gov	Standard City Map
25	Coordination	UN Offices - Afghanistan	UN, Assistance Community	Country-wide UN agency locations
26	Coordination	Labour Intensive Rural Road Rehabilitation	UNOPS	Kilometers of Road Rehabilitated per District
27	Coordination	Labour Intensive Rural Road Rehabilitation	UNOPS	Man-Days Road Rehabilitated per District
28	Coordination	Labour Intensive Rural Road Rehabilitation	UNOPS	Km, Man Days, # People, Indirect Beneficiaries
29	Coordination	Disability Services	UNOPS	Districts with UNOPS Disability Services
30	Coordination	Poppy Eradication Planning Map	UNODC	Targeting poppy eradication
31	Coordination	NCA Programmes	NCA	Location of NCA Programs
32	Coordination	ABLE Libraries	ABLE	Provincial map and data on libraries
33	Coordination	WDWW Military	Assistance Community, Gov	Military sectoral activities,color-coded geocode map
34	Coordination	WDWW Local NGOs	Assistance Community, Gov	Local NGO sectoral activity by district
35	Coordination	WDWW International NGOs	Assistance Community, Gov	International NGO sectoral activity by district
36	Coordination	WDWW UN Agencies	Assistance Community, Gov	UN Agency sectoral activity by district
37	Coordination	WDWW Disability Services	Assistance Community, Gov	NGO Disability Services by district
38	Coordination	Distribution of Disability Services	Assistance Community, Gov	Provincial map of Disability Services

39	Coordination	AREA Activities	AREA	Area activities, data, and information by district
40	Coordination	ACTED Operations	ACTED	ACTED operations and activities by district
41	Coordination	NOVIB projects	NOVIB	NOVIB project locations by district
42	Coordination	IOM Project Grants	IOM	IOM projects by district
43	Coordination	Currency Exchange	MoF, UNJLC	Provincial map of exchange points and observers
44	Donor	World Bank Funding - Education	World Bank	World Bank education projects and partners
45	Donor	World Bank Funding - Infrastructure	World Bank	World Bank infrastructure projects
46	Donor	World Bank Funding - Health	World Bank	District map of World Bank health projects
47	Donor	World Bank Funding - NEEP	World Bank	District map of World Bank NEEP projects/man days
48	Donor	World Bank Funding - NSP	World Bank	World Bank NSP projects and number of villages
49	Donor	EC Urban management	EC	District map of EC Urban Management projects
50	Donor	EC Refugee and IDP	EC	EC Refugee and IDP projects and partners
51	Donor	EC Natural Resource Management	EC	EC Natural Resource projects and partners
52	Donor	EC Livelihoods & Social Protection	EC	EC Livelihoods projects and partners
53	Donor	EC Health	EC	EC Health projects and partners
54	Donor	EC Education & Vocational Training	EC	EC Education projects and partners
55	Donor	EC Culture, Media, Sport	EC	Culture, Media, Sport and partners
56	Education	Kabul Province School Types	UNAMA	School types and population density
57	Health	Whooping Cough Outbreak	WHO	Area and villages of disease outbreak
58	Health	Malaria Prone Villages	HealthNet	Provincial map of malaria prone villages
59	Health	TB notification	WHO	Provincial map of TB notification rates
60	Health	BPHS	MSH, MoPH	District map of BPHS coverage
61	Health	Health Facilities - Dari	MSH, MoPH	Facilities, population density, catchment area
62	Health	Health Facilities - English	MSH, MoPH	Facilities, population density, catchment area
63	Health	Population per Doctor	MSH, MoPH	District map of population per doctor
64	Health	Population per Health Worker	MSH, MoPH	District map of population per health worker
65	Health	Population per Facility	MSH, MoPH	District map of population per facility
66	Infrastructure	Kabul City Road Measurements	AACA	Road segments and measures
67	Infrastructure	Western Region Distances	AACA	Road segments and distances between points
68	Infrastructure	Afghanistan Road Distances	AACA	Road segments and distances between points
69	Infrastructure	Road Reconstruction Status	JICA	February road segments and status
70	Infrastructure	Road Reconstruction Status	JICA	April road segments and status
71	Infrastructure	Road Reconstruction Status	JICA	Sept. road segments and status
72	Infrastructure	Road Reconstruction Status	JICA	October road segments and status
73	Infrastructure	Road Reconstruction Donors	JICA	February road segments and donors
74	Infrastructure	Road Reconstruction Donors	JICA	April road segments and donors
75	Infrastructure	Road Reconstruction Donors	JICA	June road segments and donors
76	Infrastructure	Road Reconstruction Donors	JICA	October road segments and donors
77	Infrastructure	Tentative Road Alignments	ADB	March national road network plans
78	Infrastructure	Tentative Road Alignments	ADB	June national road network plans
79	Infrastructure	Tentative Road Alignments	ADB	October national road network plans
80	Infrastructure	Kandahar - Hirat Road	USAID/Louis Berger	Villages influenced by road repair
81	Infrastructure	Kabul City Landfill	HABITAT	Kabul City landfill sites
82	Infrastructure	Road Networks 2003-2015	ADB	National admin. map of road network plans
83	Infrastructure	Road Networks 2003-2015	ADB	National physical map of road network plans
84	Landcover	Provincial Landcover (32 Provinces)	AIMS	Landcover, villages, rivers, roads, admin.
85	Landmines	Afghanistan Uncleared Minefields	UNMACA	Point locations of uncleared minefields
86	Livelihoods	Agricultural Contribution to Self Sufficiency	WFP	District map of agricultural index
87	Livelihoods	Crop Contribution to Self-Sufficiency	WFP	District map of crop index
88	Livelihoods	Labour Contribution to Self-Sufficiency	WFP	District map of labour index
89	Livelihoods	Labour & Remittance to Self-Sufficiency	WFP	District map of labour and remittance index
90	Livelihoods	Livestock Contribution to Self-Sufficiency	WFP	District map of livestock index
91	Livelihoods	Non-farm Contribution to Self Sufficiency	WFP	District map of non-farm enterprise index
92	Livelihoods	Remittance Contribution to Self-Sufficiency	WFP	District map of remittance index
93	Livelihoods	Total Livelihood to Self-Sufficiency	WFP	District map of Livelihood index
94	Physical	Afghanistan Physical Map	AIMS	Physical map, cities, roads, and international roads
95	Physical	Afghanistan Physical Map - Dari	AIMS	Physical map with cities, roads
96	Physical	Afghanistan Physical Map - English	AIMS	Physical map with cities, roads
97	Physical	Afghanistan Physical Map - 9 sheets	AIMS	Large scale physical map
98	Hydrology	Afghanistan Rivers	AIMS	National map of rivers - updated
99	Hydrology	Afghanistan Watersheds	FAO/AIMS	Landsat image, provincial boundaries and watersheds

100 Hydrology	Watershed Map	FAO/AIMS	Watershed boundaries and names
101 Hydrology	Watershed Maps	FAO/AIMS	Watersheds, Hydrological Stations, Dams, Major Basins
102 Security	Security Phases and Incidents March-May	UNSECORD	Provincial map of types of security incidents
103 Security	Proposed Security Phases April 03	UNSECORD	Provincial map of proposed phases
104 Security	Security Phases April 2003	UNSECORD	Provincial map of phases
105 Security	Security Phases May 2003	UNSECORD	Provincial map of phases
106 Security	Security Phases July 2003	UNSECORD	Provincial map of phases
107 Security	Risk Areas June 23, 2003	UNSECORD	District map of risk areas
108 Security	Risk Areas June 30, 2003	UNSECORD	District map of risk areas
109 Security	Risk Areas July 7, 2003	UNSECORD	B&W district map of risk areas
110 Security	Risk Areas July 14, 2003	UNSECORD	District map of risk areas
111 Security	Risk Areas July 21, 2003	UNSECORD	B&W district map of risk areas
112 Security	Risk Areas July 28, 2003	UNSECORD	District map of risk areas
113 Security	Risk Areas August 3, 2003	UNSECORD	District map of risk areas
114 Security	Risk Areas August 4, 2003	UNSECORD	District map of risk areas
115 Security	Risk Areas August 11, 2003	UNSECORD	District map of risk areas
116 Security	Risk Areas August 12, 2003	UNSECORD	District map of risk areas
117 Security	Risk Areas August 14, 2003	UNSECORD	District map of risk areas
118 Security	Risk Areas August 18, 2003	UNSECORD	District map of risk areas
119 Security	Risk Areas August 25, 2003	UNSECORD	District map of risk areas
120 Security	Risk Areas Sept 1, 2003	UNSECORD	District map of risk areas
121 Security	Risk Areas Sept 8, 2003	UNSECORD	District map of risk areas
122 Security	Risk Areas Sept 15, 2003	UNSECORD	District map of risk areas
123 Security	Risk Areas Sept 21, 2003	UNSECORD	District map of risk areas
124 Security	Risk Areas Sept 28, 2003	UNSECORD	District map of risk areas
125 Security	Risk Areas Oct 6, 2003	UNSECORD	District map of risk areas
126 Security	Risk Areas Oct 19, 2003	UNSECORD	District map of risk areas
127 Security	Risk Areas Oct 26, 2003	UNSECORD	District map of risk areas
128 Security	Risk Areas Nov 3, 2003	UNSECORD	District map of risk areas
129 Security	Risk Areas Nov 9, 2003	UNSECORD	District map of risk areas
130 Security	Risk Areas Nov 18, 2003	UNSECORD	District map of risk areas
131 Security	Risk Areas Nov 24, 2003	UNSECORD	District map of risk areas
132 Security	Risk Areas Dec 1, 2003	UNSECORD	District map of risk areas
133 Winterization	Snow Clearance Sit Rep	UNJLC	National map of high passes requiring snow clearance