Appendix-9

Questionnaire for Technology Transfer

- Ground Control Point Survey
- Field Verification
- Aerial Triangulation & Digital Plotting
- Digital Compilation
- Map Symbolization
- GIS/Data Structurization

Ground Control Point Survey

GCPs (Ground Control Points) Survey

JICA Study Team June 2011

Training Need Assessment

Do you understan	the purpose / w	ork-flow of GCPs sur	vey?
☐ Yes	□ No	Somewhat	□ No idea
Please rank your l	nowledge about	GCPs survey?	
☐ Excellent	□ Good	X Fair	□ Negligible
Can you explain th	ne difference bety	veen ellipsoid height	and elevation?
X Yes	□ No	☐ Somewhat	□ No idea
Have you ever car	ried out GCPs su	rvey?	
□ Yes	X No		
f"Yes", please answe	er the followings:		
5.1. When did yo	ou carry out it?		
5,2. What kind o	f materials and e	quipments did you w	se?
For Example: LEIC	'A GX1230		

For Example: For 1/2	5,000 scale mapp	ping	
5.4. What did you p	pay the attention	during it?	
Have you ever carrie	d out leveling wo	rk?	
☐ Yes	X No		
Have you undertaker	ı baseline analysi	is or calculated net	adjustment?
☐ Yes	☆ No	☐ Somewhat	
Do you know of limit	ing values in sur	veving? Do vou un	derstand these?
☐ Yes	□ No	☐ Somewhat	
Which sea is the mea	n sea surface tha	t is the standard fo	or elevation?
	☐ Black sea	Arr de	
When GPS static sur	veving, which ha	s the highest meas	urement precision?
	period; Short su		22 125020 B 111200000
☐ Long survey	period and inter	val	
☐ Short survey	period and inte	rval	
☐ No idea			
What should we be n	nost careful of wh	ien GPS surveying	9
TI HELDINGHE WE DE H	TOUR DESCRIPTION OF THE	ien de d'autrejing	

	Yes	□ No	☐ Somewhat	☐ No idea
3.	Could you give o if you know?	ne example what	should be done for q	uality control of GCPs survey
4.	What do you wis	h to learn through		
5.	If you have any r	equests to the Stu	ndy Team, feel free to o	describe them.

GCPs (Ground Control Points) Survey

JICA Study Team June 2011

Training Need Assessment

 2. 	Name: Bolohan Ior Do you understand		work-flow of GCPs su	ırvey?	
	□ Yes	□ No	□ Somewhal	□ No idea	
3.	Please rank your k	nowledge abou	at GCPs survey?		
	\Box Excellent	$ \Box \ Good$	☐ Fair	\Box Negligible	
4.	Can you explain th	e difference be	tween ellipsoid height	and elevation?	
	☐ Yes	□ No	□ Somewhat	□ No idea	
5. <u>I</u> 1	Have you ever carr Ses ("Yes", please answe	□ No r the followings			
	5.1. When did yo	u carry out it?			
	5.2. What kind of	f materials and	equipments did you t	use?	
	For Example: LEIC	A GX1230			

<u>Fo</u>	or Example: For 1	/5,000 scale ma	pping	
5.4	4. What did you	pay the attentio	n during it?	
На	ave you ever carrio	ed out leveling w	vork?	
На	ave you undertake	n baseline analy	vsis or calculated net	adjustment?
	□ Yes	□No	\square Somewhat	□ No idea
Do	you know of limi	ting values in su	ırveying? Do you un	derstand these?
	\Box Yes	\square No	\square Somewhat	□ No idea
\mathbf{W}	hich sea is the mea	an sea surface th	nat is the standard fo	or elevation?
	□ Adriatic sea	□ Black sea	☐ Baltic sea	□ No idea
. W	hen GPS static sur	rveying, which h	nas the highest meas	urement precision?
	□ Long survey j	period; Short su	ırvey interval	
	□ Long survey]	period and inter	rval	
	\Box Short survey	period and inte	erval	
	□ No idea			
			. cpc	0
. W	nat snould we be i	nost careful of v	when GPS surveying	5

12.	Do you know how many permanent GPS stations are there in Moldova?					
	☐ Yes	\square No	\Box Somewhat	□ No idea		
13.	Could you give or if you know?	ne example what	t should be done for q	uality control of GC	Ps survey	
14.	What do you wish to learn through this Project?					
	Everything p	ossible				
15.	If you have any re	equests to the Stu	idy Team, feel free to o	lescribe them.		

GCPs (Ground Control Points) Survey

JICA Study Team June 2011

Training Need Assessment

Do you understand	the purpose / wo	ork-flow of GCPs sur	vey?
□ Yes	□ No	☑ Somewhat	□ No idea
Please rank your k	nowledge about	GCPs survey?	
□ Excellent	□ Good	☑ Fair	☐ Negligible
Can you explain th	e difference betw	een ellipsoid height :	and elevation?
☐ Yes	□ No	2 Somewhat	☐ No idea
Have you ever carr	ried out GCPs su	rvey?	
☐ Yes	≥ No		
f "Yes", please answe	r the followings:		
5.1. When did yo	u carry out it?		
5.2. What kind o	f materials and e	quipments did you u	se?
	A GX1230		

4. \	Vhat did you p	ay the attention	during it?	
ave y	ou ever carrie	d out leveling wo	rk?	
	Yes	☑ No		
ave v	ou undertaken	baseline analysi	s or calculated net	adjustment?
		☑ No	☐ Somewhat	
o vou	know of limit	ing values in surv	veving? Do you un	derstand these?
		☑ No	☐ Somewhat	
hich	sea is the mea	n sea surface tha	t is the standard fo	or elevation?
	Adriatic sea	☐ Black sea	☐ Baltic sea	□ No idea
/hen	GPS static sur	veying, which has	s the highest measi	urement precision?
			A SHOW THE PARTY OF THE PARTY O	California Policial and
		Acceptance wheels a series		
	ave y	4. What did you p lave you ever carried Yes lave you undertaken Yes o you know of limits Yes Vhich sea is the mean Adriatic sea Vhen GPS static survey Long survey Long survey	4. What did you pay the attention ave you ever carried out leveling wo Yes No ave you undertaken baseline analysi Yes No o you know of limiting values in surv Yes No Vhich sea is the mean sea surface tha Adriatic sea Black sea When GPS static surveying, which ha Company the attention	Yes

	Yes	□ No	☐ Somewhat	□ No idea
13.	Could you give of if you know?	ue example what	should be done for q	uality control of GCPs survey
14.	How fo			
15.	If you have any re	equests to the Stu	dy Team, feel free to c	describe them.

GCPs (Ground Control Points) Survey

JICA Study Team June 2011

Training Need Assessment

	\square No	□ Somewhat	□ No idea
lease rank your k	nowledge abou	t GCPs survey?	
\Box Excellent	$ \Box \ Good$	☐ Fair	\Box Negligible
Can you explain th	e difference be	tween ellipsoid height	and elevation?
\Box Yes	\square No	☐ Somewhat	□ No idea
If "Yes", please 1. When did yo	e answer the follow carry out it?	<u>owings</u> :	

5.3	o. wnat w	as the target map s	cale?		
<u>Fa</u>	or Example:	For 1/5,000 scale	mapping		
_					
_	4				
5.4	4. What di	id you pay the atten	ition during it?		
Ц		carried out levelin	ag work?		
П	ave you ever □ Yes	Carried out levelin	g work:		
			,		
На	ave you und	ertaken baseline an	nalysis or calculated ne	t adjustment?	
	□ Yes	□No	□ Somewhat	□ No idea	
Do	-		n surveying? Do you ur		
	\square Yes	□No	□ Somewhat	□ No idea	
W	hich sea is t	he mean sea surfac	e that is the standard f	or elevation?	
	□ Adriatio			□ No idea	
W	hen GPS sta	atic surveying, whic	ch has the highest meas	surement precision?	
		arvey period; Short			
	_	rvey period and in			
		urvey period and in	nterval		
	□ No idea				
***	1 4 1 17	1 4 6 7	of when GPS surveying	0	

12. Do you know how many permanent GPS stations are there in Moldova?					
	□Yes	\square No	\Box Somewhat	□ No idea	
13.	Could you give on if you know?	e example what	t should be done for q	uality control of GCP	's survey
14.	What do you wish	to learn throug	h this Project?		
	How to create	a map			
15.	If you have any rec	quests to the Stu	ndy Team, feel free to o	describe them.	

GCPs (Ground Control Points) Survey

JICA Study Team June 2011

Training Need Assessment

Name:	idimir	Mihou	
Do you understand	the purpose / w	ork-flow of GCPs sur	rvey?
□ Yes	□ No	Somewhat	
Please rank your ki	owledge about	GCPs survey?	
□ Excellent	☐ Good	☑ Fair	☐ Negligible
Can you explain the	difference bety	veen ellipsoid height:	and elevation?
□ Yes	□ No	☐ Somewhat	□ No idea
Have you ever carr	ied out GCPs su	rvey?	
☐ Yes	☑ No		
f "Yes", please answer	the followings:		
5.1. When did you	a carry out it?		
5.2. What kind of	materials and e	quipments did you w	se?

	For Example: For 1/5,000 scale mapping							
	5.4. What did you p	ay the attention	durin	ng it?				
	Have you ever carrie	d out leveling wo	rk?					
	☐ Yes	☑ No						
	Have you undertaker	ı baseline analysi	sorc	alculated net	adju	stment?		
	☐ Yes	☑ No		Somewhat		No idea		
	Do you know of limit	ing values in surv	eyin	g? Do you un	derst	and these?		
	☐ Yes	⊠ No		Somewhat		No idea		
	Which sea is the mea	n sea surface tha	t is th	ie standard fo	r ele	vation?		
	☐ Adriatic sea	☐ Black sea	V	Baltic sea		No idea		
0.	When GPS static surveying, which has the highest measurement precision?							
	☐ Long survey period; Short survey interval							
	☐ Long survey period and interval							
	☐ Short survey period and interval							
	☐ No idea							
1.	What should we be n	ost careful of wh	en G	PS surveying	?			
K.	Weather Obs	and the first	o of	inhe to ather		at 🗆 No idea		

	✓ Yes □ No □ Somewhat □ No idea
13.	Could you give one example what should be done for quality control of GCPs survey if you know?
	To follow specific rules and regulations which will teach us to the best results
14.	What do you wish to learn through this Project?
	I would like to understand more and to strengthen my knowledge in our field
15.	If you have any requests to the Study Team, feel free to describe them.
	The most important, in my spinion, Ted like to wish you sincerelly - successfully complete the priject thank you for your contrantions.
	Thank You Very Much for Your Cooperation

GCPs (Ground Control Points) Survey

JICA Study Team June 2011

Training Need Assessment

1.	Name: Vladimir	Mihov			
2.	Do you understan	d the purpose /	work-flow of GCPs sur	vey?	
	\Box Yes	□ No	□ Somewhat	□ No idea	
3.	Please rank your l	knowledge abou	ut GCPs survey?		
	\Box Excellent	\square Good	☐ Fair	\square Negligible	
4.	Can you explain the	he difference bo	etween ellipsoid height a	and elevation?	
	□ Yes	□ No	☐ Somewhat	□ No idea	
5.	Have you ever car	ried out GCPs	survey?		
т.	□ Yes	□ No			
<u>I</u>	f "Yes", please answers. 5.1. When did very	ou carry out it?			
	J	J			
	5.2. What kind o	of materials and	d equipments did you us	se?	
	For Example: LEIC	CA GX1230			

For Example: For 1/5,000 scale mapping					
	5.4. What did you	ı pay the attentio	n during it?		
•	Have you ever carr	ried out leveling w	vork?		
	□ Yes	□No			
	Have you undertak	en baseline analy	rsis or calculated net	adjustment's	•
	\Box Yes	□No	□ Somewhat	□ No idea	
	Do you know of lim	niting values in su	rveying? Do you un	derstand the	se?
	\Box Yes	□No	□ Somewhat	□ No idea	
	Which sea is the m	ean sea surface th	nat is the standard fo	or elevation?	
	□ Adriatic sea	□ Black sea	☐ Baltic sea	□ No idea	
	When GPS static s	urveying, which h	as the highest meas	urement pred	cision?
	☐ Long survey	period; Short su	rvey interval		
□ Long survey period and interval					
	\Box Short survey	y period and inte	rval		
	□ No idea				

12. Do you know how many permanent GPS stations are there in Moldova?				
	☐ Yes ☐ No ☐ Somewhat ☐ No idea			
13.	Could you give one example what should be done for quality control of GCPs survey if you know?			
	We should follow specific rules and regulations, which will lead us to the best results			
14.	What do you wish to learn through this Project?			
	I would like to understand more and to strengthen my knowledge in the field			
15.	If you have any requests to the Study Team, feel free to describe them.			
	The most important, in my opinion, it's that I wish you sincerely a successfully complete of project. Thank you for your contribution.			

GCPs (Ground Control Points) Survey

JICA Study Team June 2011

Training Need Assessment

. Do you understand	the purpose / w	ork-flow of GCPs sur	vey?				
⊻ Yes	□ No	☐ Somewhat	□ No idea				
. Please rank your k	nowledge about	GCPs survey?					
☐ Excellent	☐ Good		☐ Negligible				
. Can you explain th	Can you explain the difference between ellipsoid height and elevation?						
□ Yes	□ No	☑ Somewhat	□ No idea				
. Have you ever carr	Have you ever carried out GCPs survey?						
□ Yes	M No						
If "Yes", please answe	r the followings:						
5.1. When did yo	u carry out it?						
5.2. What kind o	f materials and e	quipments did you u	se?				
	A GX1230						

5.4. What did you p	ay the attention	during it?			
Have you ever carried out leveling work?					
☐ Yes	□ No				
Have you undertaken		s or calculated net	adjustment?		
□ Yes	M No	☐ Somewhat	□ No idea		
Do you know of limiti		veying? Do you und	derstand these?		
☐ Yes	No No	□ Somewhat	☐ No idea		
Which sea is the mean	n sea surface tha	t is the standard fo	or elevation?		
\square Adriatic sea	☐ Black sea	☑ Baltic sea	□ No idea		
When GPS static surveying, which has the highest measurement precision?					
☐ Long survey period; Short survey interval					
☐ Long survey period and interval					
☐ Short survey period and interval					
□ No idea					

	✓ Yes	□ No	☐ Somewhat	□ No idea
13.	Could you give one of if you know?	example what	should be done for q	uality control of GCPs survey
	Na			
14.	What do you wish to			
	All about	of creed	bication	GEPS Survey
15.	If you have any requ	ests to the Stu	dy Team, feel free to o	describe them.

GCPs (Ground Control Points) Survey

JICA Study Team June 2011

Training Need Assessment

1.	Name: Ion Eremia
2.	Do you understand the purpose / work-flow of GCPs survey?
	\square Yes \square No \square Somewhat \square No idea
3.	Please rank your knowledge about GCPs survey?
	\square Excellent \square Good \square Fair \square Negligible
4.	Can you explain the difference between ellipsoid height and elevation?
	\square Yes \square No \square Somewhat \square No idea
5.	Have you ever carried out GCPs survey? Yes No "Yes", please answer the followings: 5.1. When did you carry out it?
	5.2. What kind of materials and equipments did you use?
	For Example: LEICA GX1230

	5.3. What was the target map scale?
	For Example: For 1/5,000 scale mapping
	5.4. What did you pay the attention during it?
6.	Have you ever carried out leveling work?
	□ Yes □ No
7.	Have you undertaken baseline analysis or calculated net adjustment?
	\square Yes \square No idea
0	
8.	Do you know of limiting values in surveying? Do you understand these? ☐ Yes ☐ No ☐ Somewhat ☐ No idea
9.	Which sea is the mean sea surface that is the standard for elevation?
	\square Adriatic sea \square Black sea \square Baltic sea \square No idea
10.	When GPS static surveying, which has the highest measurement precision?
	Long survey period; Short survey interval
	☐ Long survey period and interval
	☐ Short survey period and interval
	□ No idea
11.	What should we be most careful of when GPS surveying?
	\square Weather \square Obstacles \square Line of sight to other point \square No idea
12.	Do you know how many permanent GPS stations are there in Moldova?

	\square Yes \square No \square Somewhat \square No idea
13.	Could you give one example what should be done for quality control of GCPs survey if you know?
	No
14.	What do you wish to learn through this Project?
	All about of creation maps. GPS survey work, Field verification
15.	If you have any requests to the Study Team, feel free to describe them.

GCPs (Ground Control Points) Survey

JICA Study Team June 2011

Training Need Assessment

Do you understand	the purpose / w	ork-flow of GCPs sur	vey?
V Yes	□ No	☐ Somewhat	□ No idea
Please rank your kr	owledge about	GCPs survey?	
☐ Excellent	₩ Good	☐ Fair	☐ Negligible
Can you explain the	difference bety	veen ellipsoid height:	and elevation?
	□ No	☐ Somewhat	□ No idea
Have you ever carri	ed out GCPs su	rvey?	
☑ Yes	□ No		
f "Yes", please answer	the followings:		
5.1. When did you	carry out it?		
16 2	000		
5.2. What kind of	materials and e	quipments did you u	se?
		Don't rame	

	20	- 40 pix	resolution	
5.4	. What did you	pay the attention	during it?	
_				
Ha	ve you ever carri	ed out leveling wo	rk?	
	☑ Yes	□ No		
На	ve you undertak	en baseline analysi	s or calculated net	adjustment?
	□ Yes	□ No	Somewhat Somewhat	□ No idea
Do	you know of lim	iting values in surv	veying? Do you un	derstand these?
	□ Yes	□ No	☐ Somewhat	□ No idea
WI	hich sea is the me	an sea surface tha	t is the standard fo	or elevation?
	☐ Adriatic sea	a 🛘 Black sea	🗹 Baltic sea	□ No idea
Wi		rveying, which ha		urement precision?
	☑ Long surve	y period and inter	val	
		y period and inte	rval	
	□ No idea			

if you	ou know?	one example wha	t should be done fo	or quality control of GCPs surv
4. Wha	ıt do you wis			
4. Wha	ıt do you wis			
	24. VM * 107013VV	h to learn throug	h this Project?	
5 If wo	ny hava any	requests to the St	udy Team, feel free	to describe them

GCPs (Ground Control Points) Survey

JICA Study Team June 2011

Training Need Assessment

	rstand t		k-flow of GCPs sur	_
☐ Yes)	□ No	☐ Somewhat	□ No idea
Please rank y	our kno	owledge about G	CPs survey?	
☐ Excel	llent (\Box Good	\square Fair	☐ Negligible
Can you expl	ain the	difference betwe	en ellipsoid height a	and elevation?
☐ Yes	>	□ No	☐ Somewhat	□ No idea
Have you eve	>	d out GCPs surv ☐ No he followings:	icy.	
5.1. When 6	did you	carry out it?		
In 2008				
5.2. What k	aind of r	naterials and eq	uipments did you us	se?

	what was the	target map scale	è?	
For I	Example: For 1/	<u>'5,000 scale ma</u>	pping	
20-4	<u>0 pixel resoluti</u>	on		
5.4.	What did you	pay the attention	n during it?	
Have	you ever carrie	d out leveling w	vork?	
	☐ Yes	□ No		
Have	you undertake	n baseline analy	vsis or calculated net a	adjustment?
	□ Yes	□ No	☐ Somewhat	☐ No idea
Do vo	ou know of limit	ing values in su	rveying? Do you und	erstand these?
•	☐ Yes	□ No	☐ Somewhat	
	h sea is the mea	n sea surface th	nat is the standard for	elevation?
Whic				
Whic		□ Black sea	☐ Baltic sea	□ No idea
	☐ Adriatic sea			
	☐ Adriatic sea	veying, which h	nas the highest measu	
	☐ Adriatic sea GPS static sur Long survey	veying, which h	nas the highest measur	
When	☐ Adriatic sea GPS static sur Long survey Long survey	veying, which h period; Short s period and inte	nas the highest measur survey interval	
When	Adriatic sea GPS static sur Long survey Long survey Short survey	veying, which h	nas the highest measur survey interval	
When	☐ Adriatic sea GPS static sur Long survey Long survey	veying, which h period; Short s period and inte	nas the highest measur survey interval	
When	Adriatic sea GPS static sur Long survey Long survey Short survey No idea	veying, which he period; Short so period and into period and into	nas the highest measur survey interval erval	rement precision?
When	Adriatic sea GPS static sur Long survey Long survey No idea	veying, which he period; Short so period and into period and into period and into period and into the period and the peri	nas the highest measur survey interval	rement precision?

	☐ Yes	□ No	☐ Somewhat	□ No idea
13.	Could you give o if you know?	ne example what sl	hould be done for qu	uality control of GCPs survey
14.	What do you wis	h to learn through t	this Project?	
15.	If you have any r	equests to the Study	y Team, feel free to d	escribe them.

Field Verification

Program de Transferare a Tehnologiei pe Terenul de

Verificare

Echipa de Studiu, JICA Iunie 2011

Informatie necesara pentru Evaluare

Obiectivul: Acest chestionar a fost intocmit pentru a intelege experienta si cunostintele. Dumneavoastra inainte de a incepe Transferul de Tehnologie. Echipa de Studiu va lua in considerare rezultatul chestionarului, in scopul intocmirii continutului Transferului de Tehnologie.

1.	Nume, Prenume BOLOHAN ION
2.	Organizatia Agentie Relati. Furcince si Endostus
3.	Functia indeplinita inspector coordonator
4.	Gradul Academic masterat
5.	Enumerati 3 responsabilitati ale Dneavoastra D Lespund de evidenta luciorilor topografograletice excese la te
	Despund de ovidenta luciorilor topografogodetice excestate. Despund de realizarea sarcitulor en funchilor Inspectoro Respect pevederile codului de conducto a funchionarila. public
6.	2 Respund de reclirares sareinsor à funchilor Juspertoro 3 Respect perederile codului de conducto à funchimarului public Ce nivel de engleza posedati?
6.	
	Ce nivel de engleza posedati?
7.	Ce nivel de engleza posedati? Excelent □ Bun Acceptabil □ Neinsemnat
7.	Ce nivel de engleza posedati? Excelent

Daça ati selecta	n da, raspundeti	la urmatoarele i	ntrebari:	
8.1.Selec	tati sistemul de	coordonate pe	vechea harta topogra	fica cu scara de
1:50.	000			
X G	auss Kruger (D	ata orizontala: P	lukov1942. Elipsoid: K	rasovsky)
□ T	MM (Data oriz	ontala: ETRS89,	Elipsoid: GRS 1980)	
	TM (Data orizo	ontala: WGS84, I	Elipsoid: WGS84)	
8.2.Selec	tati sistemul de	e coordonate a h	artii cu scara larga (pana la 1:10.000) ir
Mold	ova			
□ G	auss Kruger (D	lata orizontala: P	łukov1942. Elipsoid: K	(rasovsky)
XT	MM (Data oriz	ontala: ETRS89.	Elipsoid: GRS 1980)	
่่่ี่⊔ี่น	TM (Data orizo	ontala: WGS84, I	Elipsoid: WGS84)	
8.3.Selec	tati sistemul de	e coordonate a h	artii cu scara mica (n	nedie) in Moldova
	auss Kruger (E	ata orizontala: P	lukov 1942. Elipsoid: k	rasovsky)
			Elipsoid: GRS 1980)	
Xn	TM (Data orize	ontala: WGS84, I	Elipsoid: WGS84)	
9. Cunoasteti	care este obie	ctivul verificarii	terenului?	
□ Da	□ Nu	Y Putin	☐ Nu stiu	
10. Clasati cui	nostintele Dnea	voastre despre l	ucrul pe terenul de vi	erificare.
☐ Excelent		Bun	Acceptabil	☐ Neinsemnat
11. Cunoastet	insemnatatea	simbolurilor de	pe harta, adoptate in	Proiect?
□ Da	□ Nu	Putin	☐ Nu stiu	
12. Ati efectua	it vreodata ver	ificarea terenuli	11.7	
X Da	□ Nu			
Daca ati sele	ctat da, raspunc	leti la urmatoarel	le intrebari:	
12.1 C	and ati efectuat	?		
	Cu o 1	aptimino	in willia	

		Plouel	to pocrefic	1:500		
GP.	ſ	TRIMBLE	to pografic			
12.3 Ca	re a fos	t scara "ti	nta" a hartil?			
De exemp	lu: Scar	a de carto;	grafiere de 1/3	5.000		
	1:50	0; 1	1000			
12.4 La	ce ati a	tras atenti	a in timpul v	erificarii ter	enului?	
	Le	coreet	tudinea	semnel	Por top	a prefice
La	ample	cureo	heteror sistemul	Sticetel	on ex	estente.
Sign	lie	in	Jiste meil	de coor	lonate	MOR dee.
2.4	1)
Ati citit "	0.75		re" pentru v	erificarea te	renului?	
Ati citit "	0.75	de orienta Nu	re" pentru v	erificarea te	renului?	
	0.75		re" pentru v	erificarea te	renului?	
Da	×	Nu			renului?	
Da Ce reprezin	× Imn	Nu n pe harta	cu scara de 1	/50.000 ?		n ethi
Da Ce reprezin	× Imn	Nu n pe harta		/50.000 ?		ų stiu
Da Ce reprezi n 5 m	pata Imn	Nu n pe harta 50 m	cu scara de 1	/ 50.000 ?	□ N	u stiu
Da Ce reprezir 5 m Daca verifi	ta Imn	Nu n pe harta 50 m erenului nu	cu scara de 1	/ 50.000 ?	□ N	u stiu
Da Ce reprezin 5 m Daca verifi Va fi impos	carea te	Nu n pe harta 50 m erenului nu sarea	cu scara de 1	/ 50.000 ?	□ N	u stiu
Da Ce reprezin 5 m Daca verifi Va fi impos	carea te	Nu n pe harta 50 m erenului nu sarea	cu scara de 1	/ 50.000 ?	□ N	u stiu
Da Ce reprezin 5 m Daca verifi Va fi impos Va scadea p	carea te	Nu n pe harta 50 m erenului nu sarea	cu scara de 1	/ 50.000 ?	□ N	ų stiu
Da Ce reprezin 5 m Daca verifi Va fi impos Va scadea p Nu conteaza	carea te	Nu n pe harta 50 m erenului nu sarea	cu scara de 1	/ 50.000 ?	□ N	u stiu
Da Ce reprezin 5 m Daca verifi Va fi impos Va scadea p Nu conteaza	carea te	Nu n pe harta 50 m erenului nu sarea	cu scara de 1	/ 50.000 ?	□ N	u stiu
Da Ce reprezir 5 m Daca verifi Va fi impos Va scadea p Nu conteaza Nu stiu	carea te	Nu n pe harta 50 m erenului nu sarea informatiei	eu scara de 1 5 1 este efectua de pe harta	/50.000 ? 00 m ta, ce se va ir	□ N ntampla?	
Da Ce reprezin 5 m Daca verifi Va fi impos Va scadea p Nu conteaza Nu stiu Ce ar trebu	carea te ibila tracizia i	Nu n pe harta 50 m erenului nu sarea informatici	cu scara de 1	/50.000 ? 00 m ta, ce se va ir	□ N ntampla?	
Da Ce reprezir 5 m Daca verifi Va fi impos Va scadea p Nu conteaza Nu stiu	carea te ibila tracizia i	Nu n pe harta 50 m erenului nu sarea informatici	eu scara de 1 5 1 este efectua de pe harta	/50.000 ? 00 m ta, ce se va ir	□ N ntampla?	
Da Ce reprezir 5 m Daca verifi Va fi impos Va scadea p Nu conteaza Nu stiu Ce ar trebu verificarii t	carea te ibila tra:	Nu n pe harta 50 m erenului nu sarea informatici intreprind ii ?	eu scara de 1 5 1 este efectual de pe harta a, pentru a în	/50.000 ? 00 m ta, ce se va in	□ Nntampla?	strolului in t
Da Ce reprezir 5 m Daca verifi Va fi impos Va scadea p Nu conteaza Nu stiu Ce ar trebu verificarii t	carea te ibila tra:	Nu n pe harta 50 m erenului nu sarea informatici intreprind ii ?	eu scara de 1 5 1 este efectua de pe harta	/50.000 ? 00 m ta, ce se va in	□ Nntampla?	strolului in 1

Ce ati	lori sa invata	ti prin acest Pr	oiect?	
	Total.			
	10000			
Daca a	veti anumite s	solicitari catre	Echipa de Studiu	ı, simtitiva liberi sa le
Daca a descrie		solicitari catre	Echipa de Studiu	ı, simtitiva liberi sa le
	ti.		Echipa de Studiu Cueruese	

Va multumim mult pentru cooperarea Dumneavoastra

JICA Study Team
June 2011

Training Need Assessment

Name: Bo	lohan Ion		
Organizati	on: ALRC		
Position: _	Inspector Coordinato	r	
Academic 1	Degree/Major Subject:	Master	
Please List	Your Three Major Resp	onsibilities.	
1	Responsible for takin	g evidence of executed	topographic works
2	Responsible for realize	zation of Inspector func	tions and tasks
3	Public coordinator		
What is you	ır level of English?		
□ Exce	ellent 🗆 Good	Fair	\Box Negligible
Are you ab	le to identify your own l	ocation on the map in t	he field?
☐ Yes	⊃ □ No	□ Somewhat	□ No idea
Do wou lend	w ahout the coordinate	system used in topogra	phic map of Moldova?
DO YOU KUO	m about the contamate	system used in topogra	pine map of morao a.

If "Yes", please answer the followings:

	8.1. Please select the coordinate system of old 1/50,000 topographic map
	☐ Gauss Kruger (Horizontal Datum: Plukov1942, Ellipsoid Frasovsky)
	□ TMM (Horizontal Datum: ETRS89, Ellipsoid: GRS 1980)
	□ UTM (Horizontal Datum: WGS84, Ellipsoid: WGS84)
	8.2. Please select the coordinate system of large (up to 1/10,000) sale map i
	Moldova
	□ Gauss Kruger (Horizontal Datum: Plukov1942, Ellipsoid:Krasovsky)
	TMM (Horizontal Datum: ETRS89, Ellipsoid: GRS 1980)
	□ UTM (Horizontal Datum: WGS84, Ellipsoid: WGS84)
	8.3. Please select the coordinate system of small (medium) sale map in Moldova
	□ Gauss Kruger (Horizontal Datum: Plukov1942, Ellipsoid:Krasovsky)
	□ TMM (Horizontal Datum: ETRS89, Ellipsoid: GRS 1980)
	UTM (Horizontal Datum: WGS84, Ellipsoid: WS84)
	Do you understand the purpose / work-flow of field verification?
	□ Yes □ No □ Somewhat □ No idea
١.	Please rank your knowledge about field verification work?
	\Box Excellent \Box Good \Box Fair \Box Negligible
	Do you know the map symbol specification adopted in the Project?
	\square Yes \square No \square Somewhat \square No idea
	Have you ever carried out the field verification?
	☐ Yes ☐ No
	If "Yes", please answer the followings:
	12.1. When did you carry out it?
	A week ago
	12.2. What kind of materials and equipments did you use?
	For Example: Handy GPS, 1/50,000 topographic map

12.3. What was the target map scale?
For Example: For 1/5,000 scale mapping
1: 500, 1:1000
12.4. What did you pay the attention during it?
Accuracy of topographic signs.
Localization of existent objects
Dates of verification field should be put in the coordinate system MoldRef 9
□ Yes □ No
□ Yes □ No
□ Yes □ No What is 1mm on a 1/50,000 scale map? □ 5m □ 50m □ 500m □ No idea
□ Yes □ No What is 1mm on a 1/50,000 scale map? □ 5m □ 50m □ 500m □ No idea
What is 1mm on a 1/50,000 scale map? 5m 50m 500m No idea If field verification is not conducted, what will be happen?
What is 1mm on a 1/50,000 scale map? 5m 50m 500m No idea If field verification is not conducted, what will be happen? Impossible to plotting Decreasing the accuracy of information on the map data No matters
What is 1mm on a 1/50,000 scale map? 5m 50m 500m No idea If field verification is not conducted, what will be happen? Impossible to plotting Decreasing the accuracy of information on the map data
What is 1mm on a 1/50,000 scale map? 5m 50m 500m No idea If field verification is not conducted, what will be happen? Impossible to plotting Decreasing the accuracy of information on the map data No matters
What is 1mm on a 1/50,000 scale map? 5m 50m 500m No idea If field verification is not conducted, what will be happen? Impossible to plotting Decreasing the accuracy of information on the map data No matters
What is 1mm on a 1/50,000 scale map? 5m 50m 500m No idea If field verification is not conducted, what will be happen? Impossible to plotting Decreasing the accuracy of information on the map data No matters

17.	What do you wish to learn through this Project?
	Everything
18.	If you have any requests to the Study Team, feel free to describe them.
	More practical works

JICA Study Team June 2011

Training Need Assessment

1.	Name: Danu	Fran		
2,	Organization:	ency for	benef Relatio	us and Cadartu
3.	Position: Jhee	alnt en	erdine for	
4.	Academic Degree/M	lajor Subject:_	Master	
5.	Please List Your Thr	ee Major Respor	isibilities.	
	1			
	2			
	3			
6.	What is your level of	English?		
	□ Excellent	25	☑ Fair	☑ Negligible
7.	Are you able to ident	ify your own loc	ation on the map in th	e field?
	Yes	□ No	☐ Somewhat	□ No idea
8.	Do you know about t	he coordinate sy	stem used in topograp	ohic map of Moldova?
	✓ Yes	□ No	☐ Somewhat	□ No idea
T	f "Yes", please answer	the followings:		

			as a substitute of	stem of old 1/50,000	topograpme map
	V	Gauss Krug	ger (Horizontal	Datum: Plukov1942	, Ellipsoid:Krasovsky)
		TMM (Hori	zontal Datum:	ETRS89, Ellipsoid: (GRS 1980)
		UTM (Horiz	zontal Datum:	WGS84, Ellipsoid: W	/GS84)
8		Please select Moldova	the coordinate	system of large (u	p to 1/10,000) sale map
		Gauss Krug	ger (Horizontal	Datum: Plukov1942	, Ellipsoid Krasovsky)
		TMM (Hori	zontal Datum:	ETRS89, Ellipsoid: (GRS 1980)
	P	UTM (Hori:	zontal Datum:	WGS84, Ellipsoid: W	(GS84)
8	3.3.	Please select t	he coordinate sy	stem of small (mediu	ım) sale map in Moldova
		Gauss Kruş	ger (Horizontal	Datum: Plukov1942	, Ellipsoid:Krasovsky)
	B	TMM (Hori	zontal Datum:	ETRS89, Ellipsoid: 6	GRS 1980)
		UTM (Hori	zontal Datum:	WGS84, Ellipsoid: W	7GS84)
. 1	Do you	understand	the purpose / wo	ork-flow of field verif	ication?
		Yes	□ No	Somewhat	□ No idea
0. 1	Please	rank your kn	owledge about 1	field verification wor	k?
		Excellent	□ Good	Fair	□ Negligible
1. 1	Do you	a know the ma	np symbol speci	fication adopted in th	e Project?
	D	Yes	□ No	☐ Somewhat	□ No idea
2. 1	Have y	you ever carri	ed out the field	verification?	
		Yes	D No		
16	Yes".	please answer	the followings:		
1	12.1.	When did you	carry out it?		

15	2.4. What did yo	ou pay the attention	n during it?	
13. H			field verification?	
	☐ Yes	₽ No		
14. W	What is 1mm on a	1/50,000 scale ma	p? □ 500m	☐ No idea
15. II	☐ Impossible ☐ Decreasin ☐ No matter	e to plotting g the accuracy of	what will be happe	
	No idea Could you give erification if you		at should be done	for quality control of fiel
-	Quality	tale use	forial's	

-17			1	2 2
trery,	hing	pomble	to map	elatora fion
-				
If you have a	ny requests	to the Study Tea	am, feel free to desc	cribe them.
If you have a	ny requests	to the Study Tea	um, feel free to desc	cribe them.
If you have a	ny requests	to the Study Tea	um, feel free to desc	cribe them.
If you have a	ny requests	to the Study Tea	um, feel free to desc	cribe them.
If you have a	ny requests	to the Study Tea	um, feel free to desc	eribe them.

JICA Study Team June 2011

Training Need Assessment

Purpose: This questionnaire is to understand your experiences and knowledge before conducting Technology Transfer. The Study Team will consider this result in formulating the contents and ways of Technology Transfer.

1.	Name: Danii Ivan
2.	Organization: ALRC
3.	Position: specialist coordinator
4.	Academic Degree/Major Subject: Master
5.	Please List Your Three Major Responsibilities.
	1 Responsible for monitoring and evaluation of legislative documents
	2 Responsible for examination of denunciations from public authorities in
	national and international domains
	3 Responsible for logic activities organization of international relations in the
	domain administrated by Agency.
6.	What is your level of English?
	□ Excellent □ Good □ Fair □ Negligible
7.	Are you able to identify your own location on the map in the field?
	\Box Yes \Box No \Box Somewhat \Box No idea
8.	Do you know about the coordinate system used in topographic map of Moldova?
	\Box Yes \Box No \Box Somewhat \Box No idea
I	f "Yes" please answer the followings:

if "Yes", please answer the followings:

	8.1.Please select	the coordinate	e system of old 1/50,000	topographic map
<	☐ Gauss Krug	er (Horizontal	l Datum: Plukov1942,	Ellipsoid:Krasovsky)
	□ TMM (Horiz	ontal Datum:	ETRS89, Ellipsoid: G	RS 1980)
	□ UTM (Horiz	ontal Datum:	WGS84, Ellipsoid: WG	GS84)
8	3.2. Please select	the coordina	ate system of large (up to 1/10,000) sale map in
		er (Horizontal	l Datum: Plukov1942,	Ellinsoid:Krasovsky)
			ETRS89, Ellipsoid: G	
			WGS84, Ellipsoid: WG	
			Weise i, Empseid W	201,
S	3.3. Please select	the coordinate	system of small (media	um) sale map in Moldova
			Datum: Plukov1942,	, <u>•</u>
	C		ETRS89, Ellipsoid: G	
	□ U I WI (HOriz	ontai Datum.	WGS84, Ellipsoid: WC	x804)
T	Do 2002 dougton d	41		Goodfor 9
. I	-		work-flow of field verif	
	\Box Yes	□ No	☐ Somewhat	□ No idea
). I	Please rank your k	nowledge abou	ıt field verification wor	k?
	□ Excellent	□ Good	□ Fair	□ Negligible
	= Enconom	_ aooa		
l. I	Oo vou know the m	ap symbol spe	ecification adopted in th	ne Proiect?
	☐ Yes	□ No	□ Somewhat	□ No idea
		_ 110		= 110 Idod
2. I	Have you ever carr	ried out the fiel	ld verification?	
	□ Yes		· · · · · · · · · · · · · · · · · · ·	
	□ 105			
TC "	(Vac'' alassa sussis	41. a. Ca 11 a a aige ag	~-	
	Yes", please answe	_	_	
J	2.1. When did yo	u carry out it?		
_				

12.2. What kind of materials and equipments did you use?

	For Example: Handy GPS, 1/50,000 topographic map
	12.3. What was the target map scale?
	For Example: For 1/5,000 scale mapping
	12.4. What did you pay the attention during it?
13.	Have you ever read the guideline for field verification?
14	What is 1mm on a 1/50,000 scale map?
17,	□ 5m □ 50m □ No idea
15.	If field verification is not conducted, what will be happen? □ Impossible to plotting □ Decreasing the accuracy of information on the map data □ No matters □ No idea
16.	Could you give one example what should be done for quality control of field verification if you know?
	Quality of raw materials

What do you wish to learn through this Project?
All the necessary information when creating a map
If you have any requests to the Study Team, feel free to describe them.
·

JICA Study Team June 2011

Training Need Assessment

1.	Name: Vladimir Wihov
2.	Organization: Agency for Land Relations and Cade
3,	Position: Consultant
4.	Academic Degree/Major Subject: Master's degree (2010)
5.	
	1) The serious approach and attitude to work
6.	The observance of rules and regulations stipularity of the diligence and persistently to obtaining the
6.	The observance of rules and regulations stipulations of pulations of pulations of the obtaining the
3377	② The observance of rules and regulations stipular ③ The diligence and versis tently to obtaining the What is your level of English? □ Excellent □ Good □ Fair □ Negligible
3077	The observance of rules and regulations stipular The diligence and persistently to obtaining the What is your level of English? Excellent Good Fair Negligible
6. 7.	② The observance of rules and regulations stipula ③ The diligence and persistently to obtaining the What is your level of English? □ Excellent □ Good □ Fair □ Negligible Are you able to identify your own location on the map in the field?

	8.1. Please select the coordinate system of old 1/50,000 topographic map								
	M	Gauss Krug	ger (Horizontal	Datum: Plukov1942	, Ellipsoid Krasovsky)				
		TMM (Hori	zontal Datum:	ETRS89, Ellipsoid: 0	GRS 1980)				
		UTM (Hori	zontal Datum:	WGS84, Ellipsoid: W	VGS84)				
	8.2. Please select the coordinate system of large (up to 1/10,000) sale map i Moldova								
		Gauss Krug	ger (Horizontal	Datum: Plukov 1942	2. Ellipsoid:Krasovsky)				
	TMM (Horizontal Datum: ETRS89, Ellipsoid: GRS 1980)								
	V	UTM (Hori	zontal Datum:	WGS84, Ellipsoid: W	VGS84)				
	8.3. P	lease select t	he coordinate sy	ystem of small (mediu	ım) sale map in Moldova				
	Π,	Gauss Krus	ger (Horizontal	Datum: Plukov1942	, Ellipsoid:Krasovsky)				
	14	TMM (Hori	zontal Datum:	ETRS89, Ellipsoid:	GRS 1980)				
		UTM (Hori	zontal Datum:	WGS84, Ellipsoid: W	VGS84)				
9.	Do you	understand	the purpose / we	ork-flow of field verif	fication?				
	Tel	Yes	□ No	☐ Somewhat	□ No idea				
10.	Please r	ank your kn	owledge about	field verification wor	k?				
		Excellent	Good	D'Fair	□ Negligible				
11.	Do you	know the ma	np symbol speci	fication adopted in th	ne Project?				
		Yes	□ No	☐ Somewhat	□ No idea				
12.	Have you ever carried out the field verification?								
	☐ Yes ☑ No								
If	f "Yes", please answer the followings:								
	12.1. When did you carry out it?								
	12.2. What kind of materials and equipments did you use?								
	For Exa	mple: Handy	GPS, 1/50,000 i	opographic map					

For Example: For 1/5,000 scale mapping								
12.4. What did	you pay the attenti	on during it?						
		or field verification	?					
☑ Yes	□ No							
What is 1mm on a 1/50,000 scale map?								
□ 5m	☑ 50m	□ 500m	□ No idea					
If field verification is not conducted, what will be happen? □ Impossible to plotting								
☑ Decreasi	ng the accuracy o	f information on th	ne map data					
☐ No matters								
□ No idea								
Could you give one example what should be done for quality control of fiel verification if you know?								
Tellication if you know.								

17. What do you wish to learn through this Project?	17.	What	do y	/ou	wish	to	learn	through	this	Proj	ect?
---	-----	------	------	-----	------	----	-------	---------	------	------	------

I would like to understand more and to strengthen my knowledge in our field.

18. If you have any requests to the Study Team, feel free to describe them.

The most important, in my opinion,
I'd like to wish you sincerely - successfully complete the project
Thank you for your conta Butions;

JICA Study Team
June 2011

Training Need Assessment

Purpose: This questionnaire is to understand your experiences and knowledge before conducting Technology Transfer. The Study Team will consider this result in formulating the contents and ways of Technology Transfer.

_	
1.	Name: Vladimir Mihov
2.	Organization: ALRC
3.	Position: consultant
4.	Academic Degree/Major Subject: Master
5.	Please List Your Three Major Responsibilities.
	1 Serious approach and attitude to work
	2 Observance of rules and regulations stipulated by employment regime
	3 Diligence and persistently in obtaining good results.
6.	What is your level of English?
	□ Excellent □ Good □ Fair □ Negligible
7.	Are you able to identify your own location on the map in the field?
	☐ Yes ☐ No ☐ Somewhat ☐ No idea
8.	Do you know about the coordinate system used in topographic map of Moldova?
	☐ Yes ☐ No ☐ Somewhat ☐ No idea

If "Yes", please answer the followings:

	se select th	e coordinate :	system of old 1/50,000) topographic map
\bigcirc G	auss Kruge	er (Horizonta	al Datum: Plukov194	2, Ellipsoid:Krasovsky)
	MM (Horiz	ontal Datum	: ETRS89, Ellipsoid:	GRS 1980)
□ U	TM (Horizo	ontal Datum	: WGS84, Ellipsoid: V	WGS84)
8.2. Plea	se select t	he coordinat	te system of large ((up to 1/10,000) sale map i
Mol	dova			
\Box G	auss Kruge	er (Horizonta	al Datum: Plukov194	2, Ellipsoid:Krasovsky)
	MM (Horiz	ontal Datum	: ETRS89, Ellipsoid:	GRS 1980)
$\bigcup \mathbb{U}$	TM (Horize	ontal Datum	: WGS84, Ellipsoid: V	WGS82)
8.3. Plea	se select the	e coordinate :	system of small (medi	ium) sale map in Moldova
\Box G	auss Kruge	er (Horizonta	ıl Datum: Plukov194	2, Ellipsoid:Krasovsky)
			: ETRS89, Ellipsoid:	
			: WGS84, Ellipsoid: V	
	1101120	oniai Datum	· WOO4, Empsoid	W G G G G
D	J4 J 41			:e: 4: 9
	derstand tr		work-flow of field ver	
☐ Yes	ノ	□ No	\Box Somewhat	□ No idea
	-		t field verification wor	
\Box Exc	ellent	\square Good	☐ Fair	□ Negligible
D 1				1 D : (9
	ow the map	_	cification adopted in t	· ·
☐ Yes	ノ	□ No	\square Somewhat	□ No idea
Have you	ever carrie	d out the field	l verification?	
\Box Yes		□ No		
	se answer tl	he followings:		
"Yes", plea				
-	en did you o	carry out it?		
-	en did you o	carry out it?		
_	en did you o	carry out it?		

12.2. What kind of materials and equipments did you use?

	For Example: Handy GPS, 1/50,000 topographic map
	12.3. What was the target map scale?
	For Example: For 1/5,000 scale mapping
	12.4. What did you pay the attention during it?
3.	Have you ever read the guideline for field verification?
4.	What is 1mm on a 1/50,000 scale map?
	\square 5m \square 50m \square No idea
5.	If field verification is not conducted, what will be happen?
	□ Impossible to plotting
	Decreasing the accuracy of information on the map data
	□ No matters
	□ No idea
6.	Could you give one example what should be done for quality control of fie
	verification if you know?

17.	What do you wish to learn through this Project?
	I would like to understand more and to strengthen my knowledge about the field
18.	If you have any requests to the Study Team, feel free to describe them.
18.	If you have any requests to the Study Team, feel free to describe them. I would like to wish you a successful completion of project.

JICA Study Team June 2011

Training Need Assessment

Purpose: This questionnaire is to understand your experiences and knowledge before

lucting Technology Transfer. The Study Team will consider this result in formulating ents and ways of Technology Transfer.
Name: Jon EREMIA
Organization: Agency for cand Relations and Codostze
Position: principal specialist
Academic Degree/Major Subject: University
Please List Your Three Major Responsibilities. (1) Responsible of policy documents in pendesy cortage (2) Responsible for examination of demarches related

5.	Please List Your Thr	ee Major Respon	rsibilities.	9 0 0
	1 Respoon	usible of 1	policy documen	it's in pendery contaging
	2 Respun	sible for e	xamination of	it's in peodesy contagray de marches related to 1
	3 to pi	re methodol	opercal assis to	nce in the domain,
6.	What is your level of	English?		
).	7 E & E & SE	English?	☑ Fair	☐ Negligible
	☐ Excellent	□ Good	☑ Fair ation on the map in th	
	☐ Excellent Are you able to ident	□ Good		ne field?
6.	☐ Excellent Are you able to ident Yes	□ Good Hify your own loc □ No	ation on the map in th	ne field?

	8.1. Please select th	he coordinate sy	stem of old 1/50,000	topographic map					
	Gauss Krug	ger (Horizontal	Datum: Plukov1942	, Ellipsoid:Krasovsky)					
	☐ TMM (Hori	zontal Datum:	ETRS89, Ellipsoid: 0	GRS 1980)					
	☐ UTM (Hori	zontal Datum:	WGS84, Ellipsoid: W	/GS84)					
	8.2. Please select the coordinate system of large (up to 1/10,000) sale map in Moldova								
	☐ Gauss Krug	ger (Horizontal	Datum: Plukov1942	, Ellipsoid:Krasovsky)					
	TMM (Horizontal Datum: ETRS89, Ellipsoid: GRS 1980)								
	UTM (Horizontal Datum: WGS84, Ellipsoid: WGS84)								
	8.3. Please select t	he coordinate sy	ystem of small (mediu	ım) sale map in Moldova					
	☐ Gauss Krup	ger (Horizontal	Datum: Plukov1942	, Ellipsoid:Krasovsky)					
	☐ TMM (Hori	zontal Datum:	ETRS89, Ellipsoid: 0	GRS 1980)					
	UTM (Hori	zontal Datum:	WGS84, Ellipsoid: W	/GS84)					
9.	Do you understand	the purpose / wo	ork-flow of field verit	ication?					
	□ Yes	□ No	Somewhat	□ No idea					
10.	Please rank your kn	owledge about i	field verification wor	k?					
	☐ Excellent	□ Good	⊡ Fair	□ Negligible					
11.	Do you know the ma	ap symbol speci	fication adopted in th	ne Project?					
	V Yes	□ No	☐ Somewhat	□ No idea					
12.	Have you ever carri	ed out the field	verification?						
	Have you ever carried out the field verification? □ Yes								
Ī	f "Yes", please answer the followings:								
	12.1. When did you carry out it?								
	12.2. What kind of	materials and e	quipments did you us	se?					
	For Example: Handy	GPS, 1/50,000 i	opographic map						

	For Example: For 1/5,000 scale mapping					
12.4. What did you pay the attention during it?						
	Have you ever read the guideline for field verification?					
	What is 1mm on a 1/50,000 scale map? □ 5m □ 50m □ No idea					
	f field verification is not conducted, what will be happen? ☐ Impossible to plotting ☐ Decreasing the accuracy of information on the map data					
	□ No matters □ No idea					
	Could you give one example what should be done for quality control of verification if you know?					
No						

All shout of creation maps GCP survey was
All about of creation maps. GCPs survey was
If you have any requests to the Study Toom feel force to describe them
If you have any requests to the Study Team, feel free to describe them.
If you have any requests to the Study Team, feel free to describe them.
If you have any requests to the Study Team, feel free to describe them.
If you have any requests to the Study Team, feel free to describe them.

JICA Study Team
June 2011

Training Need Assessment

_				
•	Name:	Ion Eremia		
	Organizati	on: ALRC		
•	Organizati	on. ALKC		
•	Position: _	Main specialist		
	A cademic 1	Degree/Major Subject	t: University	
•	Academic	begree/Major Bubject	· On versity	
·.	Please List	Your Three Major Res	ponsibilities.	
	1	Responsible for polic	y documents in geodesy,	cartography
	2	Responsible for exam	ination of demarches rela	ted to activity
	3	To give methodologic	cal assistance in the doma	in
	What is you	ır level of English?		
	□ Ex	cellent \square Good	☐ Fair	☐ Negligible
•	Are you ab	le to identify your own	location on the map in th	ne field?
	☐ Yes	S □ No	☐ Somewhat	□ No idea
3.	Do you kno	w shout the goodings	e system used in topograp	shia man of Maldaya
	☐ Yes	_	e system used in topograf Somewhat	nne map of Moldova □ No idea
		se answer the following		□ No luea

	8.1. Please select the coordinate system of old 1/50,000 topographic map
	Gauss Kruger (Horizontal Datum: Plukov1942, Ellipsoid:Krasovsky)
	☐ TMM (Horizontal Datum: ETRS89, Ellipsoid: GRS 1980)
	☐ UTM (Horizontal Datum: WGS84, Ellipsoid: WGS84)
	8.2. Please select the coordinate system of large (up to 1/10,000) sale map
	Moldova
	☐ Gauss Kruger (Horizontal Datum: Plukov1942, Ellipsoid:Krasovsky)
	TMM (Horizontal Datum: ETRS89, Ellipsoid: GRS 1980)
	☐ UTM (Horizontal Datum: WGS84, Ellipsoid: WGS84)
	□ UTM (Horizontal Datum: WG504, Empsolu: WG504)
	8.3. Please select the coordinate system of small (medium) sale map in Moldova
	☐ Gauss Kruger (Horizontal Datum: Plukov1942, Ellipsoid:Krasovsky)
	☐ TMM (Horizontal Datum: ETRS89, Ellipsoid: GRS 1980)
	UTM (Horizontal Datum: WGS84, Ellipsoid: WGS84)
١.	☐ Yes ☐ No ☐ Somewhat ☐ No idea Please rank your knowledge about field verification work?
	\square Excellent \square Good \square Fair \square Negligible
•	Do you know the map symbol specification adopted in the Project?
	\square Yes \square No \square Somewhat \square No idea
•	Have you ever carried out the field verification?
	□ Yes □ No
If	"Yes", please answer the followings:
	12.1. When did you carry out it?
	12.2. What kind of materials and equipments did you use?
	For Example: Handy GPS, 1/50,000 topographic map
	For Example: Handy GPS, 1/50,000 topographic map

-	For Example: For 1/5,000 scale mapping	
_		
1	12.4. What did you pay the attention during it?	
_		
-		
]	Have you ever read the guideline for field verification?	
•	What is 1mm on a 1/50,000 scale map? □ 5m □ 50m □ 500m □ No idea	
]	If field verification is not conducted, what will be happen? ☐ Impossible to plotting	
	Decreasing the accuracy of information on the map data	
	□ No matters	
	□ No idea	
	Could you give one example what should be done for quality control overification if you know?	f 1
•	verification if you know.	
_		
-		
-		

17.	What do you wish to learn through this Project?
	Everything about creation of maps, GCP survey work, Field verification etc.
18.	If you have any requests to the Study Team, feel free to describe them.

JICA Study Team June 2011

Training Need Assessment

_					
1.	Name:	gornece	Constant	i'n .	
2.	Organization:	INGEO	CAD		
3.	Position:	chief	of technic	cal deportment	
4.	Academic Degree/M	Iajor Subject:	fligh which	con in Geodous topograp	drej
5.	Please List Your Thr ① No. ② No. ③	ee Major Respon	rganisation		
6.	What is your level of	English?			
	☑ Excellent	\square Good	□ Fair	□ Negligible	
7.	Are you able to ident	ify your own loc	ation on the map in th	ne field?	
	✓ Yes	□ No	☐ Somewhat	□ No idea	
8.	Do you know about t	he coordinate sy	stem used in topograp	ohic map of Moldova?	
	Yes Yes	□ No	☐ Somewhat	☐ No idea	
1	f "Yes", please answer	the followings:			

8.1	 Please select t 	he coordinate sy	stem of old 1/50,000	topographic map			
	🖭 Gauss Kru	ger (Horizontal	Datum: Plukov1942	, Ellipsoid Krasovsky)			
	☐ TMM (Hor	izontal Datum:	ETRS89, Ellipsoid:	GRS 1980)			
	☐ UTM (Horizontal Datum: WGS84, Ellipsoid: WGS84)						
8.2		the coordinate	system of large (1	up to 1/10,000) sale map			
	Moldova Gauss Kruger (Horizontal Datum: Plukov1942, Ellipsoid:Krasovsky)						
☐ TMM (Horizontal Datum: ETRS89, Ellipsoid: GRS 1980)							
	☐ TWM (Horizontal Datum: ETRS89, Ellipsoid: GRS 1980) ☐ UTM (Horizontal Datum: WGS84, Ellipsoid: WGS84)						
8.3	. Please select t	he coordinate sy	ystem of small (media	ım) sale map in Moldova			
	☐ Gauss Kru	ger (Horizontal	Datum: Plukov1942	, Ellipsoid:Krasovsky)			
	M TMM (Hor	izontal Datum:	ETRS89, Ellipsoid:	GRS 1980)			
	□ UTM (Hori	zontal Datum:	WGS84, Ellipsoid: W	/GS84)			
9. Do	you understand	the purpose / we	ork-flow of field veri	fication?			
	Yes	□ No	☐ Somewhat	□ No idea			
10. Ple	ease rank your kr	owledge about	field verification wor	k?			
	☐ Excellent	\square Good	₩ Fair	☐ Negligible			
11. Do	you know the m	ap symbol speci	fication adopted in th	e Project?			
	☑ Yes	□ No	☐ Somewhat	□ No idea			
12. Ha	2. Have you ever carried out the field verification?						
	☐ Yes	☑ No					
If "Ye	If "Yes", please answer the followings:						
12.	12.1. When did you carry out it?						
	12.2. What kind of materials and equipments did you use?						
12.	.2. What kind of	materials and e	auipments did you us	se?			
			quipments did you us	se?			

	12.4. What did you pay the attention during it?					
13.	Have you ever read the guideline for field verification?					
	□ Yes ☑ No					
14.	What is 1mm on a 1/50,000 scale map?					
	\square 5m \boxtimes 50m \square 500m \square No idea					
15.	. If field verification is not conducted, what will be happen?					
	☐ Impossible to plotting					
	☐ Decreasing the accuracy of information on the map data					
	□ No matters					
	□ No idea					
16.	. Could you give one example what should be done for quality control of fie					
	verification if you know?					

	What do you wish to learn through this Project?
8.	If you have any requests to the Study Team, feel free to describe them.

Sec

JICA Study Team June 2011

Training Need Assessment

Name: Nagori	neac Constantin		
Organization:	INGEOCAD		
Position: Chief of	of technical depa	rtment	
Academic Degree/M	Iajor Subject: <u>H</u>	ligh degree in Geodesy	, Topography and Cartograp
Please List Your Thr	ee Major Respor	nsibilities.	
① Workf	low organisation		
© WOIRI			
_	control		
_	control		
② Work			
② Work ③		□ Fair	□ Negligible
② Work ③ What is your level of Excellent	English?	□ Fair ation on the map in th	

 \square No

If "Yes", please answer the followings:

 \square Somewhat \square No idea

Gauss Kruger (Horizontal Datum: Plukov1942, Ellipsoid: Krasovsky) TMM (Horizontal Datum: ETRS89, Ellipsoid: GRS 1980) UTM (Horizontal Datum: WGS84, Ellipsoid: WGS84) 8.2. Please select the coordinate system of large (up to 1/10,000) sale map Moldova Gauss Kruger (Horizontal Datum: Plukov1942, Ellipsoid: Krasovsky) TMM (Horizontal Datum: ETRS89, Ellipsoid: GRS 1980) UTM (Horizontal Datum: WGS84, Ellipsoid: WGS84) 8.3. Please select the coordinate system of small (medium) sale map in Moldova Gauss Kruger (Horizontal Datum: Plukov1942, Ellipsoid: Krasovsky) TMM (Horizontal Datum: ETRS89, Ellipsoid: WGS84) UTM (Horizontal Datum: WGS84, Ellipsoid: WGS84) Do you understand the purpose / work-flow of field verification? Yes	8.1	. Please select	the coordinate s	system of old 1/50,000	topographic map
UTM (Horizontal Datum: WGS84, Ellipsoid: WGS84) 8.2. Please select the coordinate system of large (up to 1/10,000) sale map Moldova Gauss Kruger (Horizontal Datum: Plukov1942, Ellipsoid: Krasovsky) TMM (Horizontal Datum: ETRS89, Ellipsoid: GRS 1980) UTM (Horizontal Datum: WGS84, Ellipsoid: WGS84) 8.3. Please select the coordinate system of small (medium) sale map in Moldova Gauss Kruger (Horizontal Datum: Plukov1942, Ellipsoid: Krasovsky) TMM (Horizontal Datum: ETRS89, Ellipsoid: GRS 1980) UTM (Horizontal Datum: WGS84, Ellipsoid: WGS84) Do you understand the purpose / work-flow of field verification? Yes	<	☐ Gauss Kru	ıger (Horizonta	l Datum: Plukov1942	2, Ellipsoid:Krasovsky)
8.2. Please select the coordinate system of large (up to 1/10,000) sale map Moldova Gauss Kruger (Horizontal Datum: Plukov1942, Ellipsoid: Krasovsky) TMM (Horizontal Datum: ETRS89, Ellipsoid: GRS 1980) UTM (Horizontal Datum: WGS84, Ellipsoid: WGS84) 8.3. Please select the coordinate system of small (medium) sale map in Moldova Gauss Kruger (Horizontal Datum: Plukov1942, Ellipsoid: Krasovsky) TMM (Horizontal Datum: ETRS89, Ellipsoid: GRS 1980) UTM (Horizontal Datum: WGS84, Ellipsoid: WGS84) Do you understand the purpose / work-flow of field verification? Yes		☐ TMM (Ho	rizontal Datum	ETRS89, Ellipsoid:	GRS 1980)
Gauss Kruger (Horizontal Datum: Plukov1942, Ellipsoid:Krasovsky) TMM (Horizontal Datum: ETRS89, Ellipsoid: GRS 1980) UTM (Horizontal Datum: WGS84, Ellipsoid: WGS84)		□ UTM (Hor	rizontal Datum:	WGS84, Ellipsoid: V	VGS84)
Gauss Kruger (Horizontal Datum: Plukov1942, Ellipsoid: Krasovsky) TMM (Horizontal Datum: ETRS89, Ellipsoid: GRS 1980) UTM (Horizontal Datum: WGS84, Ellipsoid: WGS84) 8.3. Please select the coordinate system of small (medium) sale map in Moldova Gauss Kruger (Horizontal Datum: Plukov1942, Ellipsoid: Krasovsky) TMM (Horizontal Datum: ETRS89, Ellipsoid: GRS 1980) UTM (Horizontal Datum: WGS84, Ellipsoid: WGS84) Do you understand the purpose / work-flow of field verification? Yes	8.2	. Please select	the coordinat	e system of large (up to 1/10,000) sale map
TMM (Horizontal Datum: ETRS89, Ellipsoid: GRS 1980) TTM (Horizontal Datum: WGS84, Ellipsoid: WGS84) Same select the coordinate system of small (medium) sale map in Moldova Gauss Kruger (Horizontal Datum: Plukov1942, Ellipsoid: Krasovsky) TMM (Horizontal Datum: ETRS89, Ellipsoid: GRS 1980) UTM (Horizontal Datum: WGS84, Ellipsoid: WGS84) Do you understand the purpose / work-flow of field verification? Yes		Moldova			
8.3. Please select the coordinate system of small (medium) sale map in Moldova Gauss Kruger (Horizontal Datum: Plukov1942, Ellipsoid: Krasovsky) TMM (Horizontal Datum: ETRS89, Ellipsoid: GRS 1980) UTM (Horizontal Datum: WGS84, Ellipsoid: WGS84) Do you understand the purpose / work-flow of field verification? Yes		☐ Gauss Kru	uger (Horizonta	l Datum: Plukov1942	2, Ellipsoid:Krasovsky)
8.3. Please select the coordinate system of small (medium) sale map in Moldova Gauss Kruger (Horizontal Datum: Plukov1942, Ellipsoid: Krasovsky) TMM (Horizontal Datum: ETRS89, Ellipsoid: GRS 1980) UTM (Horizontal Datum: WGS84, Ellipsoid: WGS84) Do you understand the purpose / work-flow of field verification? Yes		☐ TMM (Ho	rizontal Datum	ETRS89, Ellipsoid:	GRS 1980)
Gauss Kruger (Horizontal Datum: Plukov1942, Ellipsoid: Krasovsky) TMM (Horizontal Datum: ETRS89, Ellipsoid: GRS 1980) UTM (Horizontal Datum: WGS84, Ellipsoid: WGS84) Do you understand the purpose / work-flow of field verification? Yes	<	UTM (Hor	rizontal Datum:	WGS84, Ellipsoid: V	VGS84)
Gauss Kruger (Horizontal Datum: Plukov1942, Ellipsoid: Krasovsky) TMM (Horizontal Datum: ETRS89, Ellipsoid: GRS 1980) UTM (Horizontal Datum: WGS84, Ellipsoid: WGS84) Do you understand the purpose / work-flow of field verification? Yes	0.2		41 1: 4	4 6 11 / 15	
□ TMM (Horizontal Datum: ETRS89, Ellipsoid: GRS 1980) □ UTM (Horizontal Datum: WGS84, Ellipsoid: WGS84) Do you understand the purpose / work-flow of field verification? □ Yes □ No □ Somewhat □ No idea Please rank your knowledge about field verification work? □ Excellent □ Good □ Fair □ Negligible Do you know the map symbol specification adopted in the Project? □ Yes □ No □ Somewhat □ No idea Have you ever carried out the field verification? □ Yes □ No	8.3			•	· -
□ UTM (Horizontal Datum: WGS84, Ellipsoid: WGS84) Do you understand the purpose / work-flow of field verification? □ Yes □ No □ Somewhat □ No idea Please rank your knowledge about field verification work? □ Excellent □ Good □ Fair □ Negligible Do you know the map symbol specification adopted in the Project? □ Yes □ No □ Somewhat □ No idea Have you ever carried out the field verification? □ Yes □ No f "Yes", please answer the followings: 12.1. When did you carry out it?	_				
Do you understand the purpose / work-flow of field verification? Yes					
Please rank your knowledge about field verification work? Excellent Good Fair Negligible Do you know the map symbol specification adopted in the Project? Yes No Somewhat No idea Have you ever carried out the field verification? Yes No Somewhat No idea Have you ever carried out the field verification? Yes No No Somewhat No idea 12.1. When did you carry out it?		□ UTM (Hor	rizontal Datum:	WGS84, Ellipsoid: V	VGS84)
Please rank your knowledge about field verification work? Excellent Good Fair Negligible Do you know the map symbol specification adopted in the Project? Yes No Somewhat No idea Have you ever carried out the field verification? Yes No Somewhat No idea Have you ever carried out the field verification? Yes No No Somewhat No idea 12.1. When did you carry out it?	Do	vou undorstand	the number / w	ork flow of field veri	fication?
Please rank your knowledge about field verification work? Excellent Good Fair Negligible Do you know the map symbol specification adopted in the Project? Yes No Somewhat No idea Have you ever carried out the field verification? Yes No No	טע				
□ Excellent □ Good □ Fair □ Negligible Do you know the map symbol specification adopted in the Project? □ Yes □ No □ Somewhat □ No idea Have you ever carried out the field verification? □ Yes □ No 'f "Yes", please answer the followings: 12.1. When did you carry out it? 12.2. What kind of materials and equipments did you use?	(les	□ NO	□ Somewhat	□ No luea
□ Excellent □ Good □ Fair □ Negligible Do you know the map symbol specification adopted in the Project? □ Yes □ No □ Somewhat □ No idea Have you ever carried out the field verification? □ Yes □ No 'f "Yes", please answer the followings: 12.1. When did you carry out it? 12.2. What kind of materials and equipments did you use?	Ple	ease rank vour k	nowledge about	field verification wor	·k?
Have you ever carried out the field verification? Yes No G''Yes", please answer the followings: 12.1. When did you carry out it? 12.2. What kind of materials and equipments did you use?		•	0		
Have you ever carried out the field verification? Yes No G''Yes", please answer the followings: 12.1. When did you carry out it? 12.2. What kind of materials and equipments did you use?					
Have you ever carried out the field verification? Yes No f "Yes", please answer the followings: 12.1. When did you carry out it? 12.2. What kind of materials and equipments did you use?	Do	you know the n	nap symbol spec	ification adopted in th	ne Project?
Yes No If "Yes", please answer the followings: 12.1. When did you carry out it? 12.2. What kind of materials and equipments did you use?	(☐ Yes	□ No	☐ Somewhat	□ No idea
Yes No f "Yes", please answer the followings: 12.1. When did you carry out it? 12.2. What kind of materials and equipments did you use?					
12.1. When did you carry out it? 12.2. What kind of materials and equipments did you use?	Ha	ve you ever cari	ried out the field	verification?	
12.1. When did you carry out it? 12.2. What kind of materials and equipments did you use?		\square Yes	\square No		
12.2. What kind of materials and equipments did you use?	f "Ye	es", please answe	r the followings:		
	12.	1. When did yo	u carry out it?		
For Example: Handy GPS, 1/50,000 topographic map	12.	2. What kind o	f materials and o	equipments did you u	se?
For Example: Handy GPS, 1/50,000 topographic map					
	For	r Example: Hana	y GPS, 1/50,000	topographic map	

_	or Example: For 1/5,000 scale mapping	
1	2.4. What did you pay the attention during it?	
F	ave you ever read the guideline for field verification?	
V	What is 1mm on a 1/50,000 scale map? □ 5m □ 50m □ 500m □ No idea	
I	field verification is not conducted, what will be happen? ☐ Impossible to plotting	
	Decreasing the accuracy of information on the map data	
	□ No matters□ No idea	
	ould you give one example what should be done for quality control or erification if you know?	f

17.	What do you wish to learn through this Project?
18.	If you have any requests to the Study Team, feel free to describe them.

Aerial Triangulation & Digital Plotting

Program de Transfer Tehnologic privind Aerotriangulație și Cartografie Digitală

JICA Study Team Apr 2012

Evluarea necesară pentru instruire

1.	Nume: Chizelou Sezeriu
2.	Organizația: Ministerul Apardan Contra topoprafie mit
3.	Responsabilități Majore:
4.	Ați participat la ultima (Decembrie 2011) activitate de transfer tehnologic privince Aerotriangulația?
	☐ Da
	4.1. Înțelegeți cum decurge procesul de aerotriangulație utilizând aplicația LPS? □ Da □ Nu
5.	Aveți experiență în crearea hărții de scară medie (1/50,000~1/25,000)? Şi dacă nu aveți ceva cunoștințe despre diferența între cartografie la scară medie și cartografie la scară largă (1/10,000~1/5000)?
	Nu .

7.	Cunoașteți ceva despre aerotriangulație?				
	M Nu știu □ Știu (doar cunoștințe teoretice) □ Efectuez lucrări de acest gen				
	câteodată 🗆 Deseori efectuez astfel de lucrări				
8.	Cunoașteți ceva despre plotare digitală?				
	□ 🕅 Nu știu □ Știu (doar cunoștințe teoretice) □ Efectuez lucrări de acest gen				
	câteodată 🗆 Deseori efectuez astfel de lucrări				
9.	Când ultima dată ați efectuat următoarele lucrări și ce fel de aplicații soft ați utilizat?				
	Aerotriangulație)				
	Plotare digital) -				
	Editare digitală) Are Map 92				
10.	Ați utilizat vreodată aplicația LPS?				
	□ Da 🖄 Nu				
11.	Ați utilizat vreodată aplicația MicroStation?				
	□ Da Nu				

Vă mulțumim pentru colaborare

Program de Transfer Tehnologic privind Aerotriangulație și Cartografie Digitală

JICA Study Team Apr 2012

Evluarea necesară pentru instruire

	Nume: Cuşniz Lucia
	Organizația: Agentia Keleții Funciare și Caolas
	Responsabilități Majore: consultant Directia grode cortografie și geoin formatică.
-	Ați participat la ultima (Decembrie 2011) activitate de transfer tehnologic privind Aerotriangulația? Da Nu
L	Dacă ați ales "Da", vă rugăm să răspundeți la următoare întrebare: 4.1. Înțelegeți cum decurge procesul de aerotriangulație utilizând aplicația LPS?
	☑ Da □ Nu
	Aveți experiență în crearea hărții de scară medie (1/50,000~1/25,000)? Şi dacă nu, aveți ceva cunoștințe despre diferența între cartografie la scară medie și cartografie la scară largă (1/10,000~1/5000)?
	nu

7.	Cunoașteți ceva despre aerotriangulație?
	□ Nu știu □ Știu (doar cunoștințe teoretice) 🗹 Efectuez lucrări de acest gen
	câteodată 🗆 Deseori efectuez astfel de lucrări
8.	Cunoașteți ceva despre plotare digitală?
	□ □ Nu știu □ Știu (doar cunoștințe teoretice) □ Efectuez lucrări de acest gen
	câteodată 🗆 Deseori efectuez astfel de lucrări
9.	Când ultima dată ați efectuat următoarele lucrări și ce fel de aplicații soft ați utilizat?
	Aerotriangulație)
	Plotare digital)
	Editare digitală)
10.	Ați utilizat vreodată aplicația LPS?
	□ Da □ Nu
11.	Ați utilizat vreodată aplicația MicroStation?
	□ Da □ Nu

Vă mulțumim pentru colaborare

Technology Transfer Program on Arial Triangulation and Digital Mapping

JICA Study Team Apr 2012

Training Need Assessment

1.	Name: SVETLANA ZAHARCHINA
2.	Organization: SE , JNGEOCAD"
3.	Major Responsibilities: Head of Department Photogram
4. I	Did you participate in the last technical transfer on Arial triangulation? Ves No f "Yes", please answer the followings:
	4.1. Do you understand the work flow of the aerial triangulation with LPS-core? ☑ Yes □ No
5.	Have you ever experienced in creating medium scale map (1/50,000~1/25,000)?.And it no, do you have any knowledge about difference between medium scale mapping and large scale (1/10,000~1/5000) mapping.
	1:10000 - 1:500
6.	How long have you been working with a kind of photogrammetry in terms of digital mapping.
	more than 20 years

7.	Do you know arial triangulation?
	\square I don't know \square I know(only knowledge) \square I do it sometimes \boxtimes' I often do it
8.	Do you know digital plotting?
	\square I don't know \square I know(only knowledge) \square I do it sometimes \square I often do it
9.	When did you do those working, what's kind of software did you use?
	arial triangulation) Societ Set, Block MSG-, Orima for analytical DPS digital plotting) Digitals 5.0, PRO 600 digital editing) Digitals 5.0, Autolad
	digital plotting) Digitals 5.0, PRO 600
	digital editing) Digitals 5.0 Autolad
10.	Have you ever used LPS software?
	☐ Yes No
11.	Have you ever used MicroStation software?
	☑ Yes □ No

Program de Transfer Tehnologic privind Aerotriangulație și Cartografie Digitală

JICA Study Team Apr 2012

Evluarea necesară pentru instruire

1.	Nume: 50	curtu Cristina
2.	Organizația:*	INGEOCAD"
3.	Responsabilități Ma	jore:
4.	Ați participat la u Aerotriangulația?	lltima (Decembrie 2011) activitate de transfer tehnologic privin
	☑ Da	□ Nu
1	Dacă ați ales "Da", vă	rugăm să răspundeți la următoare întrebare:
	4.1 Tradecations	n decurge procesul de aerotriangulație utilizând aplicația LPS?
	4.1. Intelegeti cui	
	V Da	□ Nu
5.	√ Da Aveți experiență îr	□ Nu n crearea hărții de scară medie (1/50,000~1/25,000)? Și dacă nu țe despre diferența între cartografie la scară medie și cartografie la

7.	Cunoașteți ceva despre aerotriangulație?
	□ Nu știu □ Știu (doar cunoștințe teoretice) ☑ Efectuez lucrări de acest gen
	câteodată 🗆 Deseori efectuez astfel de lucrări
8.	Cunoașteți ceva despre plotare digitală?
	□ □ Nu știu □ Știu (doar cunoștințe teoretice) □ Efectuez lucrări de acest gen
	câteodată 🗹 Deseori efectuez astfel de lucrări
9.	Când ultima dată ați efectuat următoarele lucrări și ce fel de aplicații soft ați utilizat?
	Aerotriangulație) anuarie 2012 Digital
	Plotare digital) (lie lucres de Basa Divital
	Editare digitală) leersee de Basa Dibital
10.	Ați utilizat vreodată aplicația LPS?
	□ Da 🖒 Nu
11.	Ați utilizat vreodată aplicația MicroStation?
	d√ Da □ Nu

Vă mulțumim pentru colaborare

Digital Compilation

JICA Study Team June 2012

Training Need Assessment

con	rpose: This questionnaire is to understand your experiences and knowledge before inducting Technology Transfer. The Study Team will consider this result in formulating the intents and ways of Technology Transfer.				
1.	Name: Tamara Rudenco				
2.	Organization: Igency for Land Relations and Cadastro				
3.	Major Responsibilities: consultant National geospatial data fund				
4.	Do you understand the purpose of Data compilation? ✓ Yes □ No □ Somewhat □ No idea				
5.	Have you ever carried out Data compilation? Yes No "Yes", please answer the followings:				
1	5.1. When did you carry out it?				
	A worked in the Department Gis (INGEOCAD)				
	5.2. What kind of software did you use?				
	For Example: AutoCADMAP3D				
	Mapinfo, AutoCAD, ArcGIS				
	5.3. What was the target map scale?				
	For Example: For 1/5,000 scale mapping				
	1-2000 1:5000 1:500 1:5000				

Could you	ı give one example	what should	be done for quality control	of I
	Regional M	1ap,	Euro Global Map	
What do y	ou wish to learn throu	igh this trainin	g?	
f you have	e any requests to the S	Study Team, fee	el free to describe them.	

JICA Study Team June 2012

Training Need Assessment

con	ducting Technolo		Study Team will consider	ces and knowledge before this result in formulating the
1.	Name:	Tar	mara Rudenco	
2.	Organization:_	Agency for I	Land Relation and Cadastro	2
3.	Major Responsi	bilities: <u>consultant N</u>	National geospatial data fur	nd
4.	Do you underst	and the purpose of	Data compilation?	
	✓ Yes	□ No	☐ Somewhat	□ No idea
5.	Have you ever	carried out Data co	ompilation?	
	✓ Yes	\square No		
<u>I</u>	f "Yes", please an	swer the followings:	:	
	5.1. When did	d you carry out it?		
	Ι,	worked at the GIS	department (INGEOCA	D)
	5.2. What kin	d of software did y	ou use?	
	For Example:Ai	utoCADMAP3D		
		Mε	apInfo, AutoCAD, ArcGI	S
	5.3. What was	s the target map sca	ale?	

For Example: For 1/5,000 scale mapping....

_	1:2000, 1:5000, 1:500, 1:50000
5.4	4. What did you pay attention to during it?
_	
_	
	ould you give one example what should be done for quality control of I ompilation if you know?
	Euro Regional Map, Euro Global Map, Euro Dem
_	
w	hat do you wish to learn through this training?
_	
If	you have any requests to the Study Team, feel free to describe them.

JICA Study Team June 2012

Training Need Assessment

Purpose: This questionnaire is to understand your experiences and knowledge before conducting Technology Transfer. The Study Team will consider this result in formulating the contents and ways of Technology Transfer.

1.	Name: Nogornese Constontin
2.	Organization: SE INGEOCAIT
3.	Major Responsibilities: + eeharcal
4.	Do you understand the purpose of Data compilation?
	☐ Yes ☐ No ☐ Somewhat ☐ No idea
5.	Have you ever carried out Data compilation? Yes No "Yes", please answer the followings: 5.1. When did you carry out it?
	5.2. What kind of software did you use? For Example: AutoCADMAP3D
	5.3. What was the target map scale? For Example: For 1/5,000 scale mapping

you give one example what should be done for quality control of E ation if you know?
lo you wish to learn through this training? 30442 See if affer.
 have any requests to the Study Team, feel free to describe them.

JICA Study Team
June 2012

Training Need Assessment

Purpose: This questionnaire is to understand your experiences and knowledge before conducting Technology Transfer. The Study Team will consider this result in formulating the contents and ways of Technology Transfer. Name: Nogorneac Constantin Organization: SE INGEOCAD Major Responsibilities: technical Do you understand the purpose of Data compilation? □ Yes \square No **✓** Somewhat ☐ No idea Have you ever carried out Data compilation? ☐ Yes ☑ No If "Yes", please answer the followings: 5.1. When did you carry out it? 5.2. What kind of software did you use? For Example:AutoCADMAP3D...... 5.3. What was the target map scale? For Example: For 1/5,000 scale mapping....

ould you give one example one in the contraction of you know?	mple what	should b	oe done f	for quality	control	of]
Vhat do you wish to learn	through th	is training	;?			
gonna see it after						
					_	
You have any requests to	the Study	Team, feel	free to de	escribe the	m.	
o make it quicker						
	What do you wish to learn	What do you wish to learn through the gonna see it after	Ompilation if you know? What do you wish to learn through this training gonna see it after	What do you wish to learn through this training? gonna see it after	Ompilation if you know? What do you wish to learn through this training? gonna see it after	Vhat do you wish to learn through this training?

JICA Study Team June 2012

Training Need Assessment

cor	rpose: This questionnaire is to understand your experiences and knowledge before inducting Technology Transfer. The Study Team will consider this result in formulating the intents and ways of Technology Transfer.
1.	Name: Paharikor Igor
2.	Organization: I.S. TNGEOCAD '
3.	Major Responsibilities: Chef of FIS department
4.	Do you understand the purpose of Data compilation? Yes □ No □ Somewhat □ No idea
5. I	Have you ever carried out Data compilation? Yes No f "Yes", please answer the followings:
-	5.1. When did you carry out it?
	department of GDS and certography
	5.2. What kind of software did you use?
	For Example: AutoCADMAP3D Arc (SS, Map Sufo (using and programming), AutoCAD Map
	5.3. What was the target map scale?
	For Example: For 1/5,000 scale mapping

	All
	Could you give one example what should be done for quality control
	Euroregional May/Euro Global Map. Quality control in the Arc GIS changes the lojeess geometry, we wish to have the control system without this disadvantage
	What do you wish to learn through this training? how to work in Illustrator with big files.
1	If you have any requests to the Study Team, feel free to describe them. Make if quicker,

JICA Study Team June 2012

Training Need Assessment

cond	pose : This questionnaire is to understand your experiences and knowledge before ducting Technology Transfer. The Study Team will consider this result in formulating the tents and ways of Technology Transfer.
1.	Name: Paharicov Igor
2.	Organization: IS INGEOCAD
3.	Major Responsibilities: chef of GIS department
4.	Do you understand the purpose of Data compilation? ✓ Yes No Somewhat No idea
5. <u>If</u>	Have you ever carried out Data compilation? ✓ Yes □ No "Yes", please answer the followings:
	5.1. When did you carry out it?
	Department of GIS and cartography 5.2. What kind of software did you use?
	For Example: AutoCADMAP3D
	ArcGIS, MapInfo(using and programing), AutoCAD Map
	5.3. What was the target map scale?
	For Example: For 1/5,000 scale mapping

5.4.	What did you pay attention to during it?
	All
	you give one example what should be done for quality control of Dation if you know?
Euror	egional Map/Euro Global Map. Quality control in the ArcGIS changes
object	geometry, we wish to have the control system without this disadvantage.
What	do you wish to learn through this training?
	How to work in Illustrator with big files
If you	have any requests to the Study Team, feel free to describe them.

Program de transfer tehnologic de Compilare a datelor

JICA Echipa de studiu Iunie 2012

Evaluare necesară pentru instruire

	Numele: Chan Andrei
	Organizația: CTM, Ministerel Marionii
	Responsabilitați majore: 14 grupa fragramare - inginer superior
	Înțălegeți scopul compilării datelor?
	☑Da □ Nu □Cumva □Fără ideie
Γ	☐ Da ☐ Nu Dacă "Da", răspundeți vă rog la întrebările următoare: 5.1. Cînd ați efectuat compilarea datelor?
	15. 84. 12
	5.2. Ce fel de aplicații software ați folosit?
	De exemplu: AutoCADMAP3D he Coleleg

De exemplu: For 1/5,000 scale mapping... 1:10 900

St t ll
Structure, modul primare, regulile, spatial reference, elo.
Puteți să dați, dacă știți, un exemplu, ce trebuie să fie făcut pentru a controla calita compilării datelor?
conquentarea cu catalogul normative, program de control (en GAIT)
Ce vreți să învațați în timpul instruirii?
Stadial a posibilitàtilor noi de a lucra co date recesare
Dacă aveți niște cereri către Echipa de studiu, vă rugăm să le descrieți .

JICA Study Team June 2012

Training Need Assessment

cor		Transfer. The S	tudy Team will consider	nces and knowledge before this result in formulating the
	ments and ways of 10			
1.	Name:	Ceban Andre	i	
2.	Organization:	Minister of Γ	Defence	
3.	Major Responsibil	lities: senior engin	eer	
4.	Do you understan	nd the purpose of	Data compilation?	
	✓ Yes	□ No	☐ Somewhat	□ No idea
5.	Have you ever car	rried out Data co	mpilation?	
	✓ Yes	□ No		
1	f "Yes", please answ 5.1. When did y	_		
	0121	ou ourry out 100		
		A lot of time	e, Last one was 25.04,2	012
	5.2. What kind	of software did yo	ou use?	
	For Example:Auto	CADMAP3D		
		ArcCatalog,	AutoCAD,,,	
	5.3. What was t	he target map sca	ale?	
	For Example: Fo	r 1/5,000 scale m	apping	

From 1:10000 to 1:100000

	uld you give one example what should be done for quality control of npilation if you know?
	GAIT
_	
Wl	hat do you wish to learn through this training?
	New possibilities in the process of working with data
If v	you have any requests to the Study Team, feel free to describe them.
11 .	Tou have any requests to the Study Team, feet free to describe them.

Map Symbolization

Technology Transfer Program on Map symbolization

JICA Study Team June 2012

Training Need Assessment

Purpose: This questionnaire is to understand your experiences and knowledge before

	Name: Rudenco Tamara
2.	Organization: Agency for Land Relation and Cadast
3.	Major Responsibilities: consultant National Geospatial Dat
1.	Have you ever carried out cartography by manual method which are inking or scribing or whatever? ✓ Yes □ No
5. If	Have you ever carried out Map symbolization by using computer? ✓ Yes □ No "Yes", please answer the followings:
	5.1. When did you carry out it?
	When worked in the INCEDCAD
	5.2. What kind of software did you use?

1 7000	15000	1110 000	1:50 000		
	id you think the				
*)					
Could you give an example what should be done for quality control of Symbolization if you know?					
-					
What do you	wish to learn thr	ough this traini	ng?		
If you have a	ny requests to the	e Study Team, fe	el free to describe	them.	

Technology Transfer Program on Map symbolization

JICA Study Team June 2012

Training Need Assessment

condu	ose: This questionnaire is to understand your experiences and knowledge before acting Technology Transfer. The Study Team will consider this result in formulating the nts and ways of Technology Transfer.
1. N	Name: Rudenco Tamara
2. (Organization: Agency for Land relations and Cadastre
3. N	Major Responsibilities: consultant in National Geospatial Data Fund
	Have you ever carried out cartography by manual method which are inking or cribing or whatever? ☑ Yes □ No
5. I	Have you ever carried out Map symbolization by using computer?
TC (4	✓ Yes □ No
· · · · · · · · · · · · · · · · · · ·	Yes", please answer the followings: 5.1. When did you carry out it?
	When I worked in the INGEOCAD
5	5.2. What kind of software did you use?
<u> </u>	For Example:AutoCADMAP3D
_	MpInfo, AutoCAD, ArcGIS

xample: For 1/5,000 scale mapping
0, 1:5000, 1:10000. 1:50000
What did you think the most importance to during it?
you give an example what should be done for quality control of Molization if you know?
do you wish to learn through this training?
and John Maria so source take origin train or training.

Technology Transfer Program on Map symbolization

JICA Study Team
June 2012

Training Need Assessment

Purpose: This questionnaire is to understand your experiences and knowledge before conducting Technology Transfer. The Study Team will consider this result in formulating the contents and ways of Technology Transfer.

1.	Name: Paheronor Jyon
2.	Organization: IS Ingeocad
3.	Major Responsibilities: Shef of dep. GDS and cardograp
4.	Have you ever carried out cartography by manual method which are inking or scribing or whatever? Yes No
5. <u>I</u>	Have you ever carried out Map symbolization by using computer? Yes No "Yes", please answer the followings: 5.1. When did you carry out it?
	5.2. What kind of software did you use? For Example: AutoCADMAP3D Are FS Ando Cad Map Map Sinfo **Illys Irabion**, I hodoshop**

I OI LIX	ample: For 1/5,000 scale mapping 1:10000 1:1000 000
5.4. V	Vhat did you think the most importance to during it?
	you give an example what should be done for quality control of lization if you know?
A	refts representations condrol
	/
What d	o you wish to learn through this training?
100	
If you ł	nave any requests to the Study Team, feel free to describe them.

Technology Transfer Program on Map symbolization

JICA Study Team June 2012

Training Need Assessment

	<i>pose</i> : This questionnaire is to understand your experiences and knowledge before ducting Technology Transfer. The Study Team will consider this result in formulating the
	tents and ways of Technology Transfer.
1.	Name: Paharicov Igor
2.	Organization: INGEOCAD
3.	Major Responsibilities: chef of GIS and Cartography
4.	Have you ever carried out cartography by manual method which are inking or scribing or whatever?
	□ Yes
5.	Have you ever carried out Map symbolization by using computer? ✓ Yes □ No
<u>I</u>	f "Yes", please answer the followings: 5.1. When did you carry out it?
	5.2. What kind of software did you use?
	For Example:AutoCADMAP3D
	ArcGIS, AutoCAD, MapInfo, Illustration, Photoshop

For.	Example: For 1/5,000 scale mapping
	From 1:10000 till 1:1000000
5.4.	What did you think the most importance to during it?
	ld you give an example what should be done for quality control of labolization if you know?
	ArcGIS representative control
Wha	at do you wish to learn through this training?
If yo	ou have any requests to the Study Team, feel free to describe them.
	Thank You Very Much for Your Cooperati

JICA Study Team June 2012

Training Need Assessment

1.	Name: Mylrei Cebay
2.	Organization: Military tepsparphy Centre, Ministry ex Defence
3.	Major Responsibilities: Chy of programming group superior ingensor
4.	Have you ever carried out cartography by manual method which are inking of scribing or whatever? ☑ Yes □ No
5. _I .	Have you ever carried out Map symbolization by using computer? Yes No f "Yes", please answer the followings:
1.	5.1. When did you carry out it? Last use L

For.	Example: For 1/5,000 scale mapping
5.4.	What did you think the most importance to during it?
6	10 westly defeal objects from terricin and displaying them on a
moy	10 weelly defeal abjects from terricin and displaying them on to
	d you give an example what should be done for quality control of bolization if you know?
-	
wit	ends of the commence you use, but usually it is confronting
Wha	t do you wish to learn through this training?
ple	in wellhoods of displaying and working with dates.
-	
-	
If yo	u have any requests to the Study Team, feel free to describe them.
-	

JICA Study Team June 2012

Training Need Assessment

Purpose: This questionnaire is to understand your experiences and knowledge before

	nducting Technology ntents and ways of To	Transfer. The Study Team will consider this result in formulating the echnology Transfer.
1.	Name:	Andrei Ceban
2.	Organization:	Military topography Centre. Ministry of Defence
3.	Major Responsibil	chief of programing group – superior engineer
4.	Have you ever of scribing or whate	carried out cartography by manual method which are inking or ver?
	✓ Yes	
5.	Have you ever car	rried out Map symbolization by using computer?
	✓ Yes	□ No
I	f "Yes", please answ	ver the followings:
	5.1. When did y	ou carry out it?
		Last week
	5.2. What kind	of software did you use?
	For Example:Auto	CADMAP3D
	ArcMap	

	What was the target map scale?
For 1	Example: For 1/5,000 scale mapping
5.4.	What did you think the most importance to during it?
(Correctly determine objects and display them on the map
	d you give an example what should be done for quality control of Moolization if you know?
It de	pends on the software you use, usually it is symbol catalogue.
Who	t do you wish to learn through this training?
Wha	t do you wish to learn through this training?
Wha	t do you wish to learn through this training? New methods of displaying and working with data

Program de transfer tehnologic a simbolizării hărții

JICA Echipa de studiu Iunie 2012

Evaluare necesară pentru instruire

•	Numele: Mutac Ziubomera
•	Organizația: MECAD
•	Responsabilități majore: Zarex
•	Ați efectuat vreodată cartografie prin metoda manuală, de exemplu prin cernele
	prin zgărierea sau prin alt ceva ?
	Ați efectuat vreodată simbolizarea hărții prin calculator?
	☐ Da ☐ Nu
D	acă "da", răspundeți vă rog la întrebările următoare:
	5.1. Cînd ați efectuat simbolizarea hărții?
	letazi
5. <u>D</u>	Da Nu vacă "da", răspundeți vă rog la întrebările următoare: 5.1. Cînd ați efectuat simbolizarea hărții?

e a fost cel mai important in timpul simbolizării hărții?
to pe tot proce do lecon
a file of flow wo seems
ă dați, dacă știți, un exemplu, ce trebuie să fie făcut pentru a controla
zării hărții?
actiones pe sin Belura
să învațați în timpul instruirii?
reți niște cereri pentru Echipa de studiu, vă rugam să le descrieți.
i

PROJECT FOR CREATION OF DATABASE FOR BASE MAP FOR DEVELOPMENT OF NATIONAL SPATIAL DATA INFRASTRUCTURE IN THE REPUBLIC OF MOLDOVA

Vă Mulțumim pentru Colaborare

JICA Study Team
June 2012

Training Need Assessment

cor	rpose : This questionnaire is to understand your experiences and knowledge before ducting Technology Transfer. The Study Team will consider this result in formulating the stents and ways of Technology Transfer.
1.	Name: Mutac Liubomira
2.	Organization: INGEOCAD
3.	Major Responsibilities: engineer
4.	Have you ever carried out cartography by manual method which are inking or scribing or whatever? ☑ Yes □ No
5.	Have you ever carried out Map symbolization by using computer? ✓ Yes □ No f "Yes", please answer the followings: 5.1. When did you carry out it?
	5.2. What kind of software did you use? For Example:AutoCADMAP3D
	ArcGIS

For	Example: For 1/5,000 scale mapping
	1:50000
5.4.	What did you think the most importance to during it?
	All
	ald you give an example what should be done for quality control of Maj
	Symbol instructions
Wh	at do you wish to learn through this training?
TC	ou hous one no grants to the Cturdy Tooms feel from to describe them
пу	ou have any requests to the Study Team, feel free to describe them.

JICA Study Team June 2012

Training Need Assessment

Purpose: This questionnaire is to understand your experiences and knowledge before conducting Technology Transfer. The Study Team will consider this result in formulating the contents and ways of Technology Transfer.

1.	Name: Chiziac Joana
2.	Organization: INGEOCAD
3.	Major Responsibilities: ingine 2
4.	Have you ever carried out cartography by manual method which are inking or
	scribing or whatever?
5.	Have you ever carried out Map symbolization by using computer?
Ī	f "Yes", please answer the followings:
	5.1. When did you carry out it?
	during 2 years
	5.2. What kind of software did you use?
	For Example: AutoCADMAP3D
	Arc GIS Adobe Illustrator

For Example	e: For 1/5,000 scale mapping
1/85,00	00,000 1/120,000,000 1/155,000
	did you think the most importance to during it?
Knowle	edge of ArcGIS Illusdrador
Carto	graphy ArchIS, Illustrator
1-8	
Could vou s	give an example what should be done for quality control of N
	on if you know?
	ol by spe profesional
CONVA	of the profesional
What do you	wish to learn through this training?
110	$TII = I \cup I \cup I \subset I$
11 11	Illustratur CS5
14 do GC	
N do GC	
14 do 60	
Ndorc	
Ndorc	
	ny requests to the Study Team, feel free to describe them.
	ny requests to the Study Team, feel free to describe them.
	ny requests to the Study Team, feel free to describe them.

JICA Study Team June 2012

Training Need Assessment

cor	nducting Technolog	onnaire is to understand your experiences and knowledge before 7 Transfer. The Study Team will consider this result in formulating the echnology Transfer.
1.	Name:	Chiriac Ioana
2.	Organization:	INGEOCAD
3.	Major Responsib	lities: engineer
4.	Have you ever scribing or what ✓ Yes	carried out cartography by manual method which are inking or ever?
5. <u>]</u>	Have you ever ca ✓ Yes If "Yes", please ans	rried out Map symbolization by using computer? □ No ver the followings:
	5.1. When did	you carry out it? During 2 years
	5.2. What kind	of software did you use?
	For Example:Aut	oCADMAP3D

ArcGIS Adobe Illustrator

5.3.	What was the target map scale?
<u>For</u>	Example: For 1/5,000 scale mapping
1:85	000000 1:120000000 1:155000000
5.4.	What did you think the most importance to during it?
Kno	wledge of ArcGIS, Illustrator, Cartography
Cou	ld you give an example what should be done for quality control of Ma
Sym	bolization if you know?
	Control by professionals
XX/b.c	4 do von wich to loom through this tusining?
VV 112	
	t do you wish to learn through this training?
	Adobe Illustrator CS5
If yo	
If yo	Adobe Illustrator CS5
If yo	Adobe Illustrator CS5

<u>GIS</u>

Program de transfer tehnologic pe GIS

JICA Study Team August 2012

Evaluarea necesității a procesului de instruire

Scop: Acest chestionar a fost elaborate pentru a înțelege cunoștințele și experiența Dvs, înainte de a începe procesul de instruire. Echioa de studiu va lua în considerație aceste rezultate pentru a formula conținutul și metodele a procesului de transfer tehnologic.

		·			
1.	Nume:/	Maria ovpi	/		
2.	Organizație:	. Agentia	Relatio	Reneware	Se Cadarla
3.	Post ocupat:	Jef Direc	fur Ges	odeser, Carbo	grafes
4.	Grad științif	fic/ Specialitatea:	Dr. Ing.		
5.	2	ellanagem	entul	sici de flo contops. E des, arternas	geod. nat
6.	Care este niv	elul Dvs de limbă eng	leză?		
	Excelent	☐ Foarte bun	🛭 Bun	☐ Intermediar	☐ Începător
7.	Indicați nive	elul Dvs de cunoștințe	e despre GIS		
	Excelent	☐ Foarte bun	🗷 Bun	☐ Intermediar	\square Începător
8.	Indicați nive	elul Dvs de cunoștin	țe despre struc	etura de date GIS, cu	m ar fi tipuri de
	date folosite	pentru GIS și topolo	gie de date.		
	Excelent	□ Foarte bun	&⊈ Bun	\square Intermediar	☐ Începător

. Ați lucrat vreodata cu programele pentru	ı GIS?
🔼 Da 🗆 Nu	
Dacă "Da", răspundeți la următoarele întreb	<u>ări</u> :
9.1. Ce fel de programe? (Bifați toate	variantele relevante)
\square ESRI ArcView 3.2	\square ESRI ArcGIS ver 9 (ArcVew)
☐ ESRI ArcGIS ver 9 (ArcEditor)	☐ ESRI ArcGIS ver 9 (ArcInfo)
\square ESRI ArcGIS ver 10 (ArcVew)	☐ ESRI ArcGIS ver 10 (ArcEditor)
☒ ESRI ArcGIS ver 10 (ArcInfo)	🔼 MapInfo
☐ Altele	,
Daca alegeți "Altele", indicați denumirea pr	ogramului
Meryhooned a rece	spra lucercorelos.
). Cunoașteți (înțelegeți) sisteme de coord	inate? (Map Projection, Datum)
Excelent	Bine 🗆 Intermediar 🗆 Rău
. Ce fel de cunoștințe sau ce tehnologi	ii doriți să însușiți în urma acestei instrui
Indicați numărul de ordine după priori	tate.
Cum se operează cu programe	ele W Concept general despre GIS
GIS instalate în cadrul proectul	
(ArcGIS 10)	
	lor Wijloace pentru crearea datelor
spațiale în Japonia	
JUGUALO III JALVIIIO	GIS
Mijloace de control al calității pent	GIS

Dacă ați ales "Altele",dați o descriere mai detaliată

1.	i) Ukolizarea se disbubuirea dabelos prin Internet ii) Bandardelo pentre dabele spatia
	12. Descrieți, după cum cunoașteți, tendințe sau situația curentă în domeniul utilizare a GIS și baze de date GIS, cum ar fi formatul datelor și scara datelo Moldova. Courtony lescretalare à processe lo
-	Conform legerlafier às reposse, la moment à Républica Moldova nent aprobable 2 516 de réferrita 1) Hentes dessibalà de basis es
- 6	pradul de detaluere 1: 50 000 1) flartes desporalés de basis ce fradul de debaluere 1: 5000 (peubre extravelar) su 1: 2000 (peutre autravoca
]	Dacă aveți ceva cereri sau propuneri, sunteți bine veniți.
1 1	

Vă Mulțumim Pentru Colaborare

Technology Transfer Program on GIS

JICA Study Team August 2012

Training Need Assessment

Purpose: This questionnaire is to understand your experiences and knowledge before conducting Technology Transfer. The Study Team will consider this result in formulating the contents and ways of Technology Transfer.

_					
1.	Name:	OV	DII MARIA		
2.	Organizatio	n:AL	RC		
3.	Position:	Head of Depa	artment Geodesy	, Cartography	
4.	Academic D	egree/Major Subject:_	Dr, Engine	eer	
5.	Please List Y	our Three Major Respo	nsibilities.		
	①	State policy coordinate	tion in the dom	ain	
	2	National cartography	and geodesy m	anagement	
	3	International collabo	ration developn	nent	
6.	What is your	level of English?			
[□ Excellent	☐ Very Good	☑ Good	\square Average	\square Poor
7.	Please rank	your knowledge about	GIS		
[☐ Excellent	\square Very Good	☑ Good	\square Average	\square Poor
8.	Please rank	your knowledge about	GIS data struc	ture such as data	types to be used as
	GIS data an	d data topology.			
[☐ Excellent	\square Very Good		☐ Average	\square Poor

_ **	perated GIS software?			
✓ Yes	□ No			
If "Vas" places on	swer the followings:			
-		aalr all that a		
	nd of the software? (Ch		ppry) ArcGIS ver 9 (Ar	
☐ ESRI ArcV			•	·
	IS ver 9 (ArcEditor)		ArcGIS ver 9 (Ar	•
	IS ver 10 (ArcVew)		ArcGIS ver 10 (A	ArcEditor)
	IS ver 10 (ArcInfo)	✓ Map	Info	
\Box Others				
If "Others", please	describe name of its sof	ftware_		
	lata scale (For example		5,000).	
	Vorks control and recep			
E	uro Regional Map 1:25	00 000		
-				
	tand the coordinate sys			
	tand the coordinate sys □ Very Good			
□ Excellent		☑ Good	☐ Average	□ Poor
□ Excellent . What kind of	□ Very Good	☑ Good	☐ Average	□ Poor
☐ Excellent. What kind of opportunity?	☐ Very Good * knowledge or techn Please put order numb	☑ Good ology do you	☐ Average ou want to acqu	□ Poor
□ Excellent. What kind of opportunity?✓ How to	□ Very Good * knowledge or techn *Please put order numb *o operate GIS softw	☑ Good ology do you	☐ Average ou want to acqu	□ Poor
 □ Excellent . What kind of opportunity? _ How to installed in the 	□ Very Good E knowledge or techn Please put order numb o operate GIS softw e project (ArcGIS 10)	☑ Good cology do your coers. care ☑ Geo	☐ Average ou want to acque eneral concept of	□ Poor ire through GIS
 □ Excellent . What kind of opportunity? ✓ How to installed in the ✓ Trend of 	□ Very Good * knowledge or techn *Please put order numb *o operate GIS softw	☑ Good cology do your coers. care ☑ Geo	☐ Average ou want to acque eneral concept of	□ Poor ire through GIS
 □ Excellent . What kind of opportunity? ✓ How to installed in the ✓ Trend of Japan 	□ Very Good **Rhowledge or techn **Please put order numb **o operate GIS softw **e project (ArcGIS 10) **GIS and spatial data	Good Gology do you get \checkmark Good \checkmark Mo	☐ Average ou want to acque eneral concept of e	□ Poor ire through GIS
 □ Excellent . What kind of opportunity? ✓ How to installed in the ✓ Trend of Japan 	□ Very Good C knowledge or techn Please put order numb o operate GIS softw e project (ArcGIS 10) GIS and spatial data quality control for spa	Good Gology do you get \checkmark Good \checkmark Mo	☐ Average ou want to acque eneral concept of e	□ Poor ire through GIS

<u>I1</u>	f "Others", please describe them
	i)Data use and dissemination through the internet ii) Spatial data standards
12.	Please describe trend or current situation of GIS utilization and GIS database such as data format and data scale in Moldova as far as you know.
	According to the current legislation in the Republic of Moldova, 2 laws
	regarding GIS system have been approved: 1) Digital base map of the scale 1:50 000
	2) Digital base map of the scale 1:5000 and 1:2000
13.	If you have any requests to the Study Team, feel free to describe them.

Technology Transfer Program on GIS

JICA Study Team August 2012

Training Need Assessment

Purpose: This questionnaire is to understand your experiences and knowledge before conducting Technology Transfer. The Study Team will consider this result in formulating the contents and ways of Technology Transfer.

_		
1.	Name: Tamara Rudenco	
2.	Organization: ALRC (Fondue National Date Geospatiale)	
3.	Position:	
4.	Academic Degree/Major Subject: Cartographen	
5.	Please List Your Three Major Responsibilities. (1) Fidministator of the portal group groportal md	
	@ To develop electronic database on the fond	
	3 Accumulates all geodetic cartografic material and distributed for use to public authority	44
6.	What is your level of English?	
	☐ Excellent ☐ Very Good ☐ Good ☐ Average ☐ Poor	
	Please rank your knowledge about GIS	
	☐ Excellent ☐ Very Good ☐ Good ☐ Average ☐ Poor	
8.	Please rank your knowledge about GIS data structure such as data types to be used as	
	GIS data and data topology.	
	□ Excellent □ Very Good □ Good □ Average □ Poor	

. Have you ev	er operated GIS software?	
Yes Yes	□ No	
If "Voc" place	o anaryon tha fallowin as	
•	e answer the followings:	
	kind of the software? (Ch	* * * * * * * * * * * * * * * * * * * *
	ccView 3.2	ESRI ArcGIS ver 9 (ArcVew)
	rcGIS ver 9 (ArcEditor)	
	ccGIS ver 10 (ArcVew)	☐ ESRI ArcGIS ver 10 (ArcEditor)
/	cGIS ver 10 (ArcInfo)	☑ MapInfo
☑ Others		
f "Others", ple	ease describe name of its so	ftware
flyto	CAN	
J 3 2 2 2	CAID	
-	and the second s	
Crea	Ling, editing	and control digital map
Do you und	erstand the coordinate sys	stems? (i.e. Map Projection, Datum)
	□ Very Good	☐ Good ☐ Average ☐ Poor
. What kind	of knowledge or techn	nology do you want to acquire through thi
opportunity	? Please put order num	bers.
_ How	to operate GIS softw	vare General concept of GIS
installed in	the project (ArcGIS 10)	
Trend	of GIS and spatial data	a in Means for GIS data creation
Japan	•	
_	of quality control for spa	atial Others
		_
Means	of quality control for spa	atial _ Others

	ase describe trend or current situation of GIS utilization and GIS database su
data	a format and data scale in Moldova as far as you know.
ĩ	Digital mapi
1	1:200000
2	Euro Cilobal Map - 1:1000000
3	Euroregionae Map 1: 250 000
4	EuroBoundaruNap
-5	Euro Dem
-	Format: Arc Gis
-	
If v	ou have any requests to the Study Team, feel free to describe them.
A	ools for creation and maintenance of metadata necessary for the discovery
1	netadata necessary for the discovery
	ofdatasets and services

Technology Transfer Program on GIS

JICA Study Team August 2012

Training Need Assessment

Purpose: This questionnaire is to understand your experiences and knowledge before conducting Technology Transfer. The Study Team will consider this result in formulating the contents and ways of Technology Transfer.

1.	Name:	RUDENO	CO TAMARA		
2.	Organizatio	on: ALRC (N	National Fund of C	Geospatial Data)	
3.	Position:				
4.	Academic D	egree/Major Subje	et: Cartogi	apher	
5.	Please List Y	our Three Major Re	esponsibilities.		
	1	Administration (of the portal ww	w.geoportal.md	
	2	Development of	electronic datab	ase of the Fund	
	3	Accumulation of	f all geodetic, ca	artographic materia	als and distribution
		for use to public a			
6.	What is your	r level of English?			
	Excellent	☐ Very Good	\square Good	✓ Average	\square Poor
7.	Please rank	your knowledge ab	out GIS		
	Excellent	□ Very Good	\square Good	✓ Average	\square Poor
8.	Please rank	your knowledge ab	out GIS data sti	ructure such as data	types to be used as
	GIS data an	d data topology.			
	Excellent	\square Very Good	☑ Good	\square Average	\square Poor

☑ Yes □ No	
If "Vee" places engines the fellowings.	
If "Yes", please answer the followings:	healt all that apply)
9.1. What kind of the software? (Cl	
☐ ESRI ArcView 3.2	✓ ESRI ArcGIS ver 9 (ArcVew)
☐ ESRI ArcGIS ver 9 (ArcEditor)	
☐ ESRI ArcGIS ver 10 (ArcVew)	☐ ESRI ArcGIS ver 10 (ArcEditor)
☐ ESRI ArcGIS ver 10 (ArcInfo)	✓ MapInfo
☑ Others	
If "Others", please describe name of its so	<u>oftware</u>
$\operatorname{AutoCAD}$	
Creation editing and control of digi	
Creation, editing and control of digi	ital maps
O. Do you understand the coordinate sy □ Excellent □ Very Good	stems? (i.e. Map Projection, Datum)
0. Do you understand the coordinate sy □ Excellent □ Very Good	stems? (i.e. Map Projection, Datum) ✓ Good Average Poor
O. Do you understand the coordinate sy □ Excellent □ Very Good 1. What kind of knowledge or tech	stems? (i.e. Map Projection, Datum) Good
 0. Do you understand the coordinate sy □ Excellent □ Very Good 1. What kind of knowledge or tech opportunity? Please put order num 	stems? (i.e. Map Projection, Datum) Good
 0. Do you understand the coordinate sy □ Excellent □ Very Good 1. What kind of knowledge or tech opportunity? Please put order num ■ How to operate GIS softw 	stems? (i.e. Map Projection, Datum) ✓ Good — Average — Poor nology do you want to acquire through thinbers. ware — General concept of GIS
 0. Do you understand the coordinate sy □ Excellent □ Very Good 1. What kind of knowledge or tech opportunity? Please put order num □ How to operate GIS softwinstalled in the project (ArcGIS 10) 	stems? (i.e. Map Projection, Datum) Good
 0. Do you understand the coordinate sy □ Excellent □ Very Good 1. What kind of knowledge or tech opportunity? Please put order num □ How to operate GIS softwinstalled in the project (ArcGIS 10) ✓ Trend of GIS and spatial data 	stems? (i.e. Map Projection, Datum) ✓ Good — Average — Poor nology do you want to acquire through thinbers. ware — General concept of GIS
 0. Do you understand the coordinate sy □ Excellent □ Very Good 1. What kind of knowledge or tech opportunity? Please put order num □ How to operate GIS softwinstalled in the project (ArcGIS 10) ✓ Trend of GIS and spatial dat Japan 	stems? (i.e. Map Projection, Datum) Good
 O. Do you understand the coordinate sy □ Excellent □ Very Good 1. What kind of knowledge or tech opportunity? Please put order num □ How to operate GIS softs installed in the project (ArcGIS 10) ✓ Trend of GIS and spatial dat Japan ✓ Means of quality control for sp. 	stems? (i.e. Map Projection, Datum) Good
 O. Do you understand the coordinate sy □ Excellent □ Very Good 1. What kind of knowledge or tech opportunity? Please put order num □ How to operate GIS softwinstalled in the project (ArcGIS 10) ✓ Trend of GIS and spatial date Japan 	stems? (i.e. Map Projection, Datum) Good

2/3

12.	Please describe trend or current situation of GIS utilization and GIS database such as
	data format and data scale in Moldova as far as you know.
	Digital map:
	1. 1:200 000
	2. EuroGlobal Map – 1:1000 000
	3. EuroRegional Map – 1:250 000
	4. EuroBoundary Map
	5. Euro Dem
13.	If you have any requests to the Study Team, feel free to describe them.
	Tools for creation and maintenance of metadata necessary for the discovery of
	datasets and services