OMB Control No. 1018-XXXX Expiration Date: XX/XX/2017

SURVEY OF RANCHER OPINIONS ABOUT WILDLIFE AND JAGUAR HABITAT MANAGEMENT

Section One: Background

1. Are you or your family actively ranching in southern Arizona or southwestern New Mexico a	Эt
this time?	
☐ Yes	
□ No	
2. Where do you graze your animals? Please mark all that apply:	
☐ Private land	
☐ BLM allotments	
☐ U.S. Forest Service allotments	
■ AZ or NM State Trust Land	
☐ Other:	

Paperwork Reduction Act Statement. In accordance with the Paperwork Reduction Act (44 U.S.C. 3501), please note the following information. This survey is authorized by the Endangered Species Act. The information that you provide will be used to evaluate the practicality of a payment for ecosystem services program for the benefit of jaguar habitat in southern Arizona and southwestern New Mexico. It will also aid in the implementation of jaguar habitat conservation efforts by increasing our knowledge of landowner, rancher, and ranch manager attitudes toward jaguars and jaguar habitat management. It is our policy not to use your name for any other purpose. All names and identifying information will be removed when we compile the results, and only summary information will be reported. Your response is voluntary. We may not conduct or sponsor and a person is not required to respond to an information collection unless it displays a currently valid OMB control number. We estimate that it will take you about 30 minutes to read the instructions and complete the survey. You may send comments on any aspect of this information collection to the Information Collection Clearance Officer, U.S. Fish and Wildlife Service, 1849 C Street, NW (Mail Stop 2042-PDM), Washington D.C. 20240.

Section Two: Range Management

that appropriate that a	oly: brazing mange more lead/brush lead/brus	anagement plar anagement pla nitoring sh managemen ecies managen burning ncing life ponds or ta	n t nent nks clusion on	ntly implement	ing on your ranch? Please check a	all
of wildli your op decided Y N	fe? (Thes eration, b to imple es lo have in th	e management	practices ma ion we are or of their benefi not currently	y also benefit rally interested in terested in terested in terested in terested in terested.)	ur ranch specifically for the benef ange health and other aspects of n management practices you have	
Would y	ou be mo	ore likely or less	s likely to imp	lement wildlife	pitat may also benefit jaguars. habitat improvement projects if through your ranch?	
Much Le Likely Comme		Somewhat Less Likely	Neutral	Somewhat More Likely	Much More Likely	_

Section Three: Jaguar Habitat in Southern Arizona and Southwestern New Mexico

The U.S. Fish and Wildlife Service recently designated critical habitat for jaguar in southern Arizona and southwestern New Mexico. Areas so designated are considered essential to the conservation of the jaguar and may need special management or protection. While areas designated as critical habitat for jaguars may be on private land, such designations affect only Federal agency actions or federally funded or permitted activities. A map of the critical habitat area is attached to this survey.

critical hab	oitat? s		er private or	public lands) loc	ated within designated jaguar
7. What ty operation?	-	f effects do you	think designa	ntion of jaguar cri	itical habitat will have on your
Оре	eratio	n costs			
1		2	3	4	5
Large Decr	rease	Small Decrease	No Effect	Small Increase	e Large Increase
Gra	zing p	ermit renewal			
1		2	3	4	5
Much Less	5	Somewhat	No Effect	Somewhat N	Much More Difficult
Difficult		Less Difficult	More [Difficult	
Peri	mitte	d Animal Unit M	onths		
1		2	3	4	5
Large Decr	rease	Small Decrease	No Effect	Small Increase	e Large Increase
Tou	ırism (opportunities			
1		2	3	4	5
Large Decr	rease	Small Decrease	No Effect	Small Increase	e Large Increase
Con	serva	tion funding op	oortunities		
1		2	3	4	5
Large Decr	rease	Small Decrease	No Effect	Small Increase	e Large Increase
Live	estock	depredation			
1		2	3	4	5
Large Decr	rease	Small Decrease	No Effect	Small Increase	e Large Increase

0	verall ra	inge manageme	nt					
1		2	3	4		5		
Negativ	e Som	ewhat Negative	No effect	Somewhat	Positiv	e Positive		
Α	bility to	sell or lease my	land					
1	=	2	3	4		5		
Much Ea	asier	Somewhat Easier	No effect	Some Hard		Much Harder		
G	overnm	ent involvement	in my ope	ration				
1		2	3	4		5		
Large De	ecrease	Small Decrease	No Effect	Small Ir	ıcrease	Large Incre	ase	
effects)? appeara while ot 1 2	? [Note: ince so s thers will	ink will have the When we distrik ome will be aske I receive the opp	oute the su ed about po osite order	rvey to rand sitive impa :.] 	chers, v	we will vary th		
do you t 1 2	think wil	of the effects list I have the most _I	oositive im	pact	ositive	impact on yo	ur operation, whic	ch
□ Y	es, I thin 1aybe, th	rs passed throug	ne time a n n informatio	ative jagua on to know	r popul if there	ation in the So e was a native	outhwest jaguar populatior	า
□ Y0 □ M □ N	es, I thin 1aybe, I d o, jagua	nt residents	ars that live ere is a perr	e full time ir manent jagı	n Arizor uar pop	na or New Mex pulation		not

	11. Based on your knowledge of jaguars, do you think there is jaguar habitat in southern Arizona or southwestern New Mexico that is important for preventing jaguars from going					
	outhwestern New M	exico that is	important for pre	eventing Jaguars i	rom going	
extinct?						
☐ No						
Why?:						
and southwe	upport or not suppo stern New Mexico f	or jaguar hal	bitat?		southern Arizona	
1	2	3	4	5		
~ -	Don't Support	Neutral	Support S	trongly Support		
Don't Suppor						
Comments: _						
13. If iaguars	were not designate	ed as an enda	angered species b	ov the U.S. Federa	al Government.	
	upport for manager		•		•	
•	southwestern New	•	•	, 0		
1	2	3	4	5		
-	se Small Decrease					
_						

Section Four: Conservation Incentives

Conservation incentive programs are designed to encourage conservation and good land management by paying landowners to install and maintain certain management practices. This section will ask questions about whether or not you participate in incentive programs and your interest in participating in new programs that may be developed in the future.

14. Plea	se tell u	s which Farm Bil	I Conservation	on Programs yo	u are currently par	ticipating in or	
		ed in in the past:		0 ,	, ,	1 0	
-	☐ Environmental Quality Incentives Program (EQIP)						
		labitat Incentive	_				
			•	•			
		tion Stewardship		•			
	_	ral Water Enhan	_				
		ral Management					
□ F:	arm and	l Ranch Lands Pr	otection Prog	gram (FRLPP)			
□ C	onserva	tion Reserve Pro	gram (CRP)				
□G	rassland	d Reserve Progra	ım (GRP)				
□ V	Vetlands	Reserve Progra	m (WRP)				
	ther:						
15. We	would li	ke to know vour	level of inter	rest in conserva	ation incentive prog	rams and what	
		= = = = = = = = = = = = = = = = = = =			r ranch's business p		
					w likely you are to		
			рргоаспез. г	rease tell us fic	ow likely you are to	participate in	
each typ	ре от ар	proacn:					
	١٥ ،	-i				,•	
	•		•	•	plementation of co		
=					vironmental Qualit	y Incentives	
ſ	Program	ı) and WHIP (Wil		Improvement	Program).		
:	1	2	3	4	5		
Not Inte	erested	Probably Not	Neutral	Probably	Very Interested		
		Interested		Interested			
Comme	nts:						
ŀ	o) <mark>Man</mark> a	gement Incentiv	ves: Incentive	e payments sim	nilar to Farm Bill pro	grams, but that	
		-			cost of conservation		
		are not respons					
	ana you 1	2	3	4	5		
·-		Probably Not	Neutral	Probably	Very Interested		
ווונכ	.i Coleu	Interested	incutiai	Interested	very interested		
		mierestea		mierested			

Comments:					
ongoing of wildli comper time of owners does re paymer	g per-acre "rental fe on all or a port isate for participa sign-up and annu hip and control of quire a minimum at and the length inter," the rental v	payments," tion of your ration in the pal "rental" p f your land. I commitmen of the contra	to implement a ranch for a spec rogram, you w ayments based The manageme at period; e.g., 2 act may be base	ncentive payments, in management plant of time. It is period of time. It is not agreement in the notation	for the benefit Typically, to ayment at the I. You retain permanent, but If the rental tween you and
Not interested	Interested	Neutrai	Interested	very interested	
how mu that you	ıch of something ı can sell like a co	they provide mmodity. Fo	e. These progra or example, you	grams pay landowne ms allow you to gene u implement a manag	erate "credits" gement practice
given cr buyer w foundat incentiv through long-ter	edits for the amo tho wants to inve tion interested in tes to private land a a negotiation be	ount of habita st in this type conservation downers for o tween you a from the land	at created. You e of habitat. Th n, or a governm conservation. T nd the buyer. O downer to mair	of habitat is measured can then sell these can then sell these can be a priment agency that ware the value of the credit programs generation the habitat through	credits to a ivate citizen, ats to provide it is determined erally require a
1	2	3	4	5	
Not Interested	Probably Not Interested	Neutral	Probably Interested	Very Interested	
Comments:					

e) Thinking about the four options presented above, please rank your interest in each program from highest to lowest. Place a "1" in the box next to your preferred option, a "2" next to your second choice, a "3" next to your third choice, and a "4" next to the choice you are least interested in.

	practices, but no Conservation Co management pl Credit Markets:	ncentives: A othing more ontracts: A p an, plus a ye A program	program that pays program that pays early payment base	the full cost of management for implementation of a ed on the number of acres end d on the number of credits ts	
			ne conservation inc about how these p	centive programs described programs work?	
make manage	ment changes tha	at would imp	prove habitat for fe	program would require you tederally-designated endanger participation change? 5	
Much Less Interested	Somewhat Less Interested		Somewhat More Interested		
Federal Gover environmenta	nment. Programs I laws, including t	funded by F he Endange	Federal dollars mustred Species Act. If	programs, are funded by the st comply with Federal you knew a conservation or less likely to participate? 5	
Much Less Likely	Somewhat Less Likely	Neutral	Somewhat More Likely	Much More Likely	
Comments:					
private landov practices with new land use Agreement is	vner. Safe Harbor assurances from restrictions if an e established, an in	Agreement the U.S. Fish endangered s eventory of e	s allow you to imp n and Wildlife Serv species begins to u endangered species	J.S. Fish and Wildlife Service a lement wildlife management ice that you will not be subject ase your land. When a Safe Ha as is conducted before you are allowed to return your la	ct to arbor

to the same status as existed at the time of the inventory, even if it harms endangered species that have arrived on your ranch during the period you were managing for wildlife habitat. If the

participation in a conservation incentives program, would your willingness to participate in a

U.S. Fish and Wildlife Service signed a Safe Harbor Agreement with you as part of your

☐ My opinion is unchanged

federally funded conservation incentives program change?

	I'm more i I'm less int					
conse incen partic	rvation inco tive program ipate than i 1 Less	entive program	is using non-F ivately funded unded progran 3	ederal dollars. It d, would you be m? 4	s have also been used to fyou knew a conservation more likely or less likely 5 Much More Likely	n
Comn	nents:					
any? 	Please chec I don't nee Land use/I Too compl Not intere Doesn't fit Increased Limits mar Don't knov	k all that apply ed incentives fo Permit restricti licated sted my business p	: or management ons lan endangered sp pility ot how it work	nt pecies on my rar	onservation incentive pro	ogram, if
and so	outhwester Arizona Ga New Mexic Natural Re Regional n University New Mexic U.S. Fish a U.S. Forest Bureau of Regional la	n New Mexico ame and Fish co Game and F esources Conse atural resource of Arizona Coc co State Coope nd Wildlife Ser t Service Land Managen and trust (e.g., ion organizatio	? Mark all tha ish rvation Services conservation operative Extensi vice nent Arizona Land	t apply: e (NRCS) on districts (e.g., nsion		

Section Five: Depredation

21. How concerned an ☐ Not Concerned ☐ Somewhat Con ☐ Very Concerned	ncerned
22. How concerned an Not Concerned Somewhat Col Very Concerned	ncerned
23a. Over the last 10	years, how many animals have you lost to depredation by mountain lions?
Number:	
23b. Over the last 10	years, how many animals have you lost to depredation by jaguars?
Number:	
	nt practices have you implemented in response to depredation by uars? Write "none" if applicable.
Management Practice	es:
25. What effect do yo on your ranch? Large increase Small increase No impact Small decrease Large decrease	u think designation of critical habitat for jaguar will have on depredation
Please mark all that a Workshops abo	istance to reduce the impacts of depredation would you be interested in? pply: but depredation management orts about depredation management

	Advice f	rom University E	xtension age	ents		
	Advice f	rom fellow ranch	iers			
	Technic	al assistance fron	n Extension a	agents		
	Technic	al assistance fron	n NRCDs			
	Technic	al assistance fron	n NRCS			
	Cost-sha	are funding for m	anagement	from NRCS		
	Non-Fed	deral funding assi	stance for m	nanagement		
	Comper	nsation fund to pa	ay for cattle	losses		
	Other: _					
	Other: _					
27. W	ould assi	stance with depr	edation issu	es change your int	erest in parti	cipating in a
conse	rvation i	ncentive program	n that benefi	ts jaguar habitat?		
	1	2	3	4	5	
Much	Less	Somewhat	No effect	Somewhat	Much More	
ntere	sted	Less Interested		More Interested	Interested	

Section Six: Demographic Info (optional)

	ow old are you? Younger than 20 20-29 30-39 40-49 50-59 60 or Older
	Less than 1 year 1-9 years 10-20 years 21-40 years 41-60 years Over 60 years
	Less than 1 year 1-9 years 10-24 years 25-49 years 50-75 years Over 75 years
	n average, how large is your operation? Less than 50 head of cattle 50-100 head of cattle 101-300 head of cattle 301-500 head of cattle More than 500 head of cattle
in a gi	n average, what portion of household income typically comes from your ranching activities iven year? Less than 10% 10-49% 50-75% 76-100%

To ensure the anonymity of responses, we ask that you <u>do not</u> write your name or address on this survey.

We do, however, ask that you create an anonymous identity code that only you will know. Please write your code in the blank spaces below. This code will allow us to track and analyze the results of this survey without associating responses with personally identifiable information. Again, we will never associate your responses with your name, address, or other identifying information. Only you will know your anonymous identity code. If you would prefer not to create a code, please skip this step. Even if you do not create an identity code <u>your opinions are essential to the success of our research.</u>

To create your code, please list the *first two letters of your mother's or guardian's first name* (e.g., Mary becomes MA) *followed by the day of the month you were born* (e.g., if you were born on June 3, your number is 03). For this example, the ID code is MA03. Please print your identity code:

PLEA	SE PRINT	YOUR ID	CODE HERE:		

In the future, we may conduct other surveys and will ask you to use this code so we can track your responses over time without the use and retention of any personally identifiable information. We are committed to protecting your privacy. Responding to this survey, and creating an anonymous identity code, does not commit you to respond to a future survey.