

**From:** [Juliussan, Lara](#)  
**To:** [Kate Norman](#)  
**Cc:** [Amy Nicholas](#); [James Lindstrom](#)  
**Subject:** GIS Team update graphic for next week's in-person meeting  
**Date:** Friday, January 09, 2015 12:19:32 PM  
**Attachments:** [GISTeam\\_JanStatus.png](#)  
[20141204\\_GMSG\\_StatusReview\\_ThreatsAndChapters.xlsx](#)

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Hi Kate,

Here is a graphic I put together after talking with Jim and the rest of the GIS Team on Wednesday. I also spoke with Lief, since he spear-headed the three-map concept, and had gathered additional brainstorming ideas from the chapter authors about several possible maps.

Will this graphic work for the slide you requested?

I am also attaching a more detailed spreadsheet that Jim put together that the GIS team filled out on Wednesday.

Lara

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*Join me on LinkedIn*  
<http://www.linkedin.com/pub/lara-juliussan/5/918/7a4>

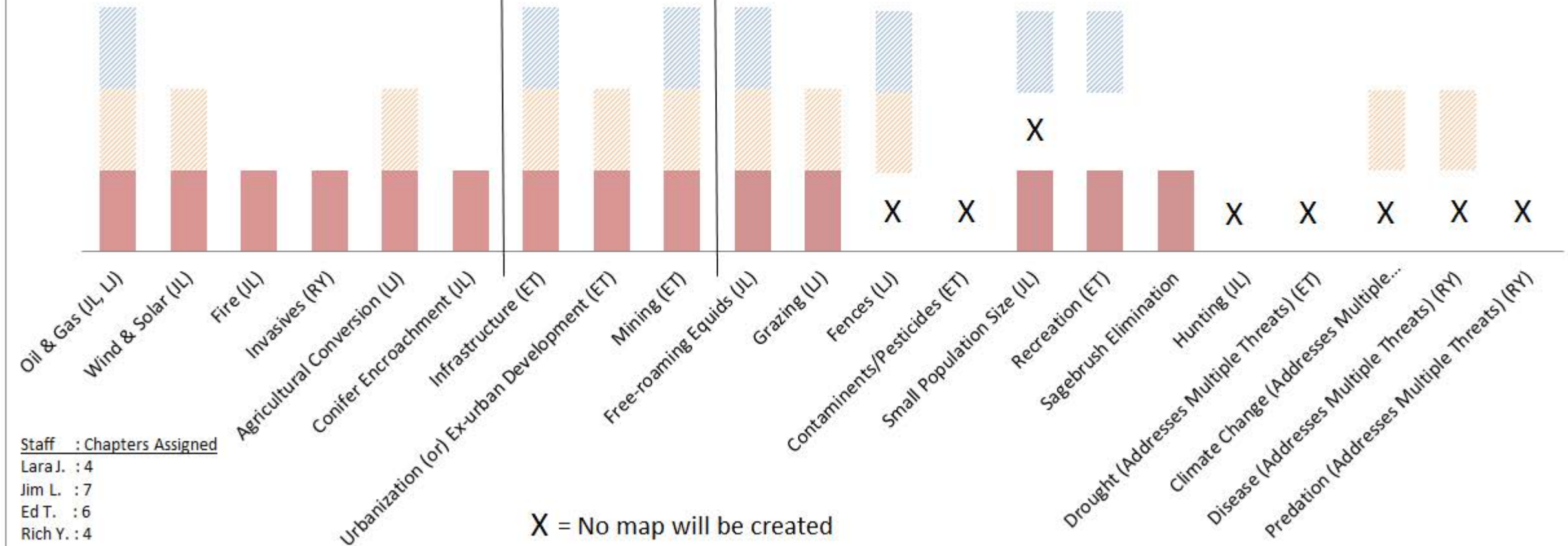
## Species Report Threat Chapters: Map Status

■ Overview Population Map - Draft complete
 ▨ Threat Presence or Risk Map - Idea stage
 ▨ Conservation Efforts Map - Idea stage

Tier I

Tier II

Tier III



Staff : Chapters Assigned

Lara J. : 4

Jim L. : 7

Ed T. : 6

Rich Y. : 4

## GRSG 2015 Status Review Threats

Priority	Threat	Chapter
Tier 1	Energy Development	Oil & Gas Wind & Solar
	Fire	Fire
	Noxious Weeds/Annual Grasses	Invasives
	Agricultural Conversion	Agricultural Conversion
	Conifer Encroachment	Conifer Encroachment
		Factor D (Addresses All Threats)
Tier 2	Infrastructure	Infrastructure
	Urbanization	Urbanization (or) Ex-urban Development
	Mining	Mining
Tier 3	Free Roaming Equids	Free-roaming Equids
	Grazing/Range Management	Grazing  Fences Contaminents/Pesticides
	Isolated/Small Population Size	Small Population Size
	Recreation	Recreation Hunting
	Sagebrush Elimination	(Addressed in All Chapters)
		Drought (Addresses Multiple Threats)
		Climate Change (Addresses Multiple Threats) Disease (Addresses Multiple Threats) Predation (Addresses Multiple Threats)

Writer	GIS Team Contact	Threat Occurrence Across Populations Maps
Amy Nicholas	Jim Lindstrom/Lara Juliusson	
Lisa Solberg-Schwab	(modeling)	
Genevieve Skora	Jim Lindstrom	Draft threat across population map created (JL)
Dawn Davis	Jim Lindstrom	Draft threat across population map created (JL)
Joy Gober	Rich Young	Draft threat across population map created (JL)
Jeff Everett	Lara Juliusson	Draft threat across population map created (JL)
Writing Team	Jim Lindstrom	Draft threat across population map created (JL)
		No Map
Heather McPherron	Ed Turner	Draft threat across population map created (JL)
Jeff Everett?	Ed Turner	Draft threat across population map created (JL)
Ronald Baxter	Ed Turner	Draft threat across population map created (JL)
Jennifer Siani	Jim Lindstrom	Draft threat across population map created (JL)
Craig Hansen	Lara Juliusson	Draft threat across population map created (JL)
Jennifer Siani	Lara Juliusson	No Map
Angela Burgess	Ed Turner	No Map
Lief Wiechman	Jim Lindstrom	Draft threat across population map created (JL)
Angela Burgess	Ed Turner	Draft threat across population map created (JL)
Amy Nicholas	Jim Lindstrom	No Map
Writing Team		Draft threat across population map created (JL)
Angela Burgess	Ed Turner	No Map
Holly Freifeld	Rich Young	No Map
Holly Freifeld	Rich Young	No Map
Lara Drizd	Rich Young	No Map

## STATUS, JANUARY 2015 In Person Meeting

Threat Presence/Risk Maps	Threat Conservation Effort Maps
Draft model: Oil and Gas probability of recoverable resources, bounded by RFD and USGS predictions (LJ, KD); Draft prototypes of energy infrastructure (JL) Draft prototype of wind potential map (JL)	BLM plan closures BLM plan closures
TNC Model (KD), NRCS/SGI (maybe)	
BLM Disturbance features (buffered) Imperviousness (source) generated (ET, RB)	BLM plan closures  BLM plan closures
BLM/FS HMA boundaries Allotments and Failed LHS Draft maps created (LJ) Possible Stevens risk layers or run BLM script on leks (LJ, KD) No Map??	Horse Gathers, but not sure how many we'll get  Fence Marking Nothing collected in CED re: Contaminants
No Map	Translocations and key threat amelioration data
No Map??	BLM plan area closures, road and trail access closures  Nothing collected in CED re: Drought specifically
Maps being created in collaboration with USGS (RY, HF) Draft map created (RY, HF)	Nothing collected in CED re: Climate specifically Nothing collected in CED re: Disease specifically Nothing collected in CED re: Predation specifically