

## Greater Sage-Grouse Sagebrush Focal Areas



### Tags

Montana, Idaho, biota, FWS, planningCadastre, USFWS, Utah, SFA, Wildlife, Environmental Impact Statement, AoS, environment, Wyoming, Stongholds, Highly Important Landscapes, EIS, GRSG, Sagebrush Focal Areas, BLM Modified, CEA, United States Fish and Wildlife Service, Cumulative Effects Analysis, Oregon, Areas of Significance, Nevada, BLM, Greater Sage-Grouse, Bureau of Land Management, Management

### Summary

This feature class represents Sagebrush Focal Areas (SFAs) for greater sage-grouse.

### Description

SFAs correspond to areas identified by the U.S. Fish and Wildlife Service as greater sage-grouse "strongholds." SFAs are areas of highest habitat value for GRSG and are managed to avoid new surface disturbance for the following reasons: they contain high-quality sagebrush habitat and the highest breeding bird densities; they have been identified as essential to conservation and persistence of the species; they represent a preponderance of current Federal ownership; and in some cases, they are next to protected areas that serve to anchor the conservation importance of the landscape.

### Credits

Created by the USFWS in October 2014. Modified by the BLM in January and June 2015.

### Use limitations

These data are provided by Bureau of Land Management (BLM) "as is" and might contain errors or omissions. The User assumes the entire risk associated with its use of these data and bears all responsibility in determining whether these data are fit for the User's intended use. The information contained in these data is dynamic and may change over time. The data are not better than the sources from which they were derived, and both scale and accuracy may vary across the data set. These data might not have the accuracy, resolution, completeness, timeliness, or other characteristics appropriate for applications that potential users of the data may contemplate. The User is encouraged to carefully consider the content of the metadata file associated with these data. These data are neither legal documents nor land surveys, and must not be used as such. Official records may be referenced at most BLM offices. Please report any errors in the data to the BLM office from which it was obtained. The BLM should be cited as the data source in any products derived from these data. Any Users wishing to modify the data should describe the types of modifications they have performed. The User should not misrepresent the data, nor imply that changes made were approved or endorsed by BLM. This data may be updated by the BLM without notification.

### Extent

<b>West</b>	-120.784530	<b>East</b>	-106.301375
<b>North</b>	48.459381	<b>South</b>	41.227492

### Scale Range

Maximum (zoomed in) 1:5,000  
Minimum (zoomed out) 1:150,000,000

## ArcGIS Metadata

### Topics and Keywords

THEMES OR CATEGORIES OF THE RESOURCE planningCadastre, environment, biota  
\* CONTENT TYPE Downloadable Data  
PLACE KEYWORDS Montana, Idaho, Utah, Wyoming, Oregon, Nevada  
THESAURUS  
TITLE BLM-STATE  
THEME KEYWORDS Wildlife, Management  
THESAURUS  
TITLE BLM-THEME  
THEME KEYWORDS biota, planningCadastre, environment  
THESAURUS  
TITLE ISO 19115 Topic Category  
THEME KEYWORDS FWS, USFWS, SFA, Environmental Impact Statement, AoS, Stongholds, Highliy Important Landscapes, EIS, GRSG, Sagebrush Focal Areas, BLM Modified, CEA, United States Fish and Wildlife Service, Cumulative Effects Analysis, Areas of Significance, BLM, Greater Sage-Grouse, Bureau of Land Management  
THESAURUS  
TITLE BLM-GRSG

### Citation

TITLE Greater Sage-Grouse Sagebrush Focal Areas  
PUBLICATION DATE 2015-07-01  
PRESENTATION FORMATS digital map  
FGDC GEOSPATIAL PRESENTATION FORMAT vector digital data

### Citation Contacts

RESPONSIBLE PARTY  
ORGANIZATION'S NAME Lara Juliusson, U.S. Fish and Wildlife Service, Geographer/Ecologist  
CONTACT'S ROLE originator

### Resource Details

DATASET LANGUAGES English (UNITED STATES)  
STATUS completed  
SPATIAL REPRESENTATION TYPE vector  
\* PROCESSING ENVIRONMENT Microsoft Windows 7 Version 6.1 (Build 7601) Service Pack 1; Esri ArcGIS 10.3.0.4322  
CREDITS  
Created by the USFWS in October 2014. Modified by the BLM in January and June 2015.

### Extents

EXTENT  
GEOGRAPHIC EXTENT  
BOUNDING RECTANGLE  
WEST LONGITUDE -121.694283  
EAST LONGITUDE -105.673078  
SOUTH LATITUDE 40.232532  
NORTH LATITUDE 48.391258  
EXTENT  
DESCRIPTION  
Revisions Completed & Provided to EISs. Returned to NOC and consolidated.  
TEMPORAL EXTENT  
DATE AND TIME 2015-06-30  
EXTENT

#### GEOGRAPHIC EXTENT

##### BOUNDING RECTANGLE

EXTENT TYPE Extent used for searching

\* WEST LONGITUDE -120.784530

\* EAST LONGITUDE -106.301375

\* NORTH LATITUDE 48.459381

\* SOUTH LATITUDE 41.227492

\* EXTENT CONTAINS THE RESOURCE Yes

##### EXTENT IN THE ITEM'S COORDINATE SYSTEM

\* WEST LONGITUDE -507751.599100

\* EAST LONGITUDE 576444.464500

\* SOUTH LATITUDE 2045508.651900

\* NORTH LATITUDE 2828775.984100

\* EXTENT CONTAINS THE RESOURCE Yes

## Resource Points of Contact

#### POINT OF CONTACT

INDIVIDUAL'S NAME Anthony Titolo

ORGANIZATION'S NAME Wildlife Habitat Spatial Analysis Lab, BLM National Operations Center

CONTACT'S POSITION Sr. GIS Analyst, Team Lead

CONTACT'S ROLE point of contact

##### CONTACT INFORMATION

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###### ADDRESS

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E-MAIL ADDRESS [atitolo@blm.gov](mailto:atitolo@blm.gov)

#### POINT OF CONTACT

INDIVIDUAL'S NAME Lara Juliusson

ORGANIZATION'S NAME U.S. Fish and Wildlife Service

CONTACT'S POSITION Geographer/Ecologist

CONTACT'S ROLE point of contact

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E-MAIL ADDRESS [Lara\\_Juliusson@fws.gov](mailto:Lara_Juliusson@fws.gov)

## Resource Maintenance

#### RESOURCE MAINTENANCE

UPDATE FREQUENCY not planned

## Resource Constraints

#### LEGAL CONSTRAINTS

##### LIMITATIONS OF USE

The BLM assumes no responsibility for errors or omissions. No warranty is made by the BLM as to the accuracy, reliability, or completeness of these data for individual use or aggregate use with other data; nor shall the act of distribution to contractors, partners, or beyond, constitute any such warranty for individual or aggregate data use with other data. Although these data have been processed successfully on computers of BLM, no warranty, expressed or implied, is made by BLM regarding the use of these data on any other system, or for general or scientific purposes, nor does the fact of distribution constitute or imply any such warranty. In no event shall the BLM have any liability whatsoever for payment of any consequential, incidental, indirect, special, or tort

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#### OTHER CONSTRAINTS

None, these data are considered public domain.

#### CONSTRAINTS

##### LIMITATIONS OF USE

These data are provided by Bureau of Land Management (BLM) "as is" and might contain errors or omissions. The User assumes the entire risk associated with its use of these data and bears all responsibility in determining whether these data are fit for the User's intended use. The information contained in these data is dynamic and may change over time. The data are not better than the sources from which they were derived, and both scale and accuracy may vary across the data set. These data might not have the accuracy, resolution, completeness, timeliness, or other characteristics appropriate for applications that potential users of the data may contemplate. The User is encouraged to carefully consider the content of the metadata file associated with these data. These data are neither legal documents nor land surveys, and must not be used as such. Official records may be referenced at most BLM offices. Please report any errors in the data to the BLM office from which it was obtained. The BLM should be cited as the data source in any products derived from these data. Any Users wishing to modify the data should describe the types of modifications they have performed. The User should not misrepresent the data, nor imply that changes made were approved or endorsed by BLM. This data may be updated by the BLM without notification.

## Spatial Reference

#### ARC GIS COORDINATE SYSTEM

\* TYPE Projected

\* GEOGRAPHIC COORDINATE REFERENCE GCS\_North\_American\_1983

\* PROJECTION USA\_Contiguous\_Albers\_Equal\_Area\_Conic\_USGS\_version

##### \* COORDINATE REFERENCE DETAILS

##### PROJECTED COORDINATE SYSTEM

X ORIGIN -16901100

Y ORIGIN -6972200

XY SCALE 10000

Z ORIGIN -100000

Z SCALE 10000

M ORIGIN -100000

M SCALE 10000

XY TOLERANCE 0.001

Z TOLERANCE 0.001

M TOLERANCE 0.001

HIGH PRECISION true

WELL-KNOWN TEXT PROJCS

["USA\_Contiguous\_Albers\_Equal\_Area\_Conic\_USGS\_version",GEOGCS

["GCS\_North\_American\_1983",DATUM["D\_North\_American\_1983",SPHEROID

["GRS\_1980",6378137.0,298.257222101]],PRIMEM["Greenwich",0.0],UNIT

["Degree",0.0174532925199433]],PROJECTION["Albers"],PARAMETER

["False\_Easting",0.0],PARAMETER["False\_Northing",0.0],PARAMETER["Central\_Meridian",-

114.0],PARAMETER["Standard\_Parallel\_1",29.5],PARAMETER

["Standard\_Parallel\_2",45.5],PARAMETER["Latitude\_Of\_Origin",23.0],UNIT["Meter",1.0]]

#### REFERENCE SYSTEM IDENTIFIER

\* VALUE 0

## Spatial Data Properties

#### VECTOR

\* LEVEL OF TOPOLOGY FOR THIS DATASET full planar graph

#### GEOMETRIC OBJECTS

FEATURE CLASS NAME grsg\_sfa

\* OBJECT TYPE composite

\* OBJECT COUNT 34

#### ARC GIS FEATURE CLASS PROPERTIES

FEATURE CLASS NAME grsg\_sfa

\* FEATURE TYPE Simple

\* GEOMETRY TYPE Polygon

\* HAS TOPOLOGY TRUE  
 \* FEATURE COUNT 34  
 \* SPATIAL INDEX TRUE  
 \* LINEAR REFERENCING FALSE  
 \* XY RANK 1  
 \* Z RANK 1  
 \* TOPOLOGY WEIGHT 1.000000  
 \* EVENTS ON VALIDATION FALSE  
 PARTICIPATES IN TOPOLOGY RULES 6

## Data Quality

SCOPE OF QUALITY INFORMATION

RESOURCE LEVEL dataset

DATA QUALITY REPORT - CONCEPTUAL CONSISTENCY

MEASURE DESCRIPTION

Unknown. Contact FWS, data originator.

DATA QUALITY REPORT - COMPLETENESS OMISSION

MEASURE DESCRIPTION

Unknown. Contact FWS, data originator.

DATA QUALITY REPORT - QUANTITATIVE ATTRIBUTE ACCURACY

MEASURE DESCRIPTION

Unknown. Contact FWS, data originator.

EVALUATION METHOD

Unknown. Contact FWS, data originator.

DATA QUALITY REPORT - ABSOLUTE EXTERNAL POSITIONAL ACCURACY

DIMENSION horizontal

MEASURE DESCRIPTION

Unknown. Contact FWS, data originator.

EVALUATION METHOD

Unknown. Contact FWS, data originator.

## Lineage

PROCESS STEP

WHEN THE PROCESS OCCURRED 2014-10-27

DESCRIPTION

Data Created

PROCESS CONTACT

INDIVIDUAL'S NAME Lara Juliusson

ORGANIZATION'S NAME U.S. Fish and Wildlife Service

CONTACT'S POSITION Geographer/Ecologist

CONTACT'S ROLE processor

CONTACT INFORMATION

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E-MAIL ADDRESS Lara\_Juliusson@fws.gov

PROCESS STEP

WHEN THE PROCESS OCCURRED 2014-12-18

DESCRIPTION

Edited to name SFAs by Wildlife Habitat Spatial Analysis Lab: Upon receipt of the "Outline\_AreasofSignificance" dataset from the FWS, a copy was made and the one existing & unnamed record was exploded in an edit session within ArcMap. A text field, "AoS\_Name", was added. Using the maps provided with Memorandum FWS/AES/058711, polygons were manually selected and the "AoS\_Name" field was calculated to match the names as illustrated. Once all polygons in the exploded dataset were appropriately named, the dataset was dissolved, resulting in one record representing each of the seven SFAs identified in the memorandum. Acreage & change from #1: 16,514,163acres (0 acres change) & 7 records Bear River Watershed Area:

562,942 acres North-Central Idaho: 2,633,902 acres North Central Montana: 1,977,379 acres SE Oregon/NC Nevada: 1,838,789 acres Sheldon-Hart Mountain NWR Complex Area: 1,910,398 acres Southern Idaho/Northern Nevada: 4,258,539 acres Southwestern/South Central Wyoming: 3,332,214 acres

PROCESS CONTACT

INDIVIDUAL'S NAME Anthony Titolo  
ORGANIZATION'S NAME Wildlife Habitat Spatial Analysis Lab, BLM National Operations Center  
CONTACT'S POSITION Sr. GIS Analyst, Team Lead  
CONTACT'S ROLE processor

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PROCESS STEP

WHEN THE PROCESS OCCURRED 2015-01-23

DESCRIPTION

The NVCA EIS made modifications in concert with local FWS staff. Metadata and detailed change descriptions were not returned with the modified data. Contact Leisa Wesch, GIS Specialist, BLM Nevada State Office, 775-861-6421, [lwesch@blm.gov](mailto:lwesch@blm.gov), for details. Acreage & change from #2 after NVCA Edits: 16,318,715 acres (-195,448 acres) Bear River Watershed Area: 562,942 acres (0 acres) North-Central Idaho: 2,630,068 acres (-3,834 acres) North Central Montana: 1,977,379 acres (0 acres) SE Oregon/NC Nevada: 1,738,410 acres (-100,379 acres) Sheldon-Hart Mountain NWR Complex Area: 1,910,392 acres (-6 acres) Southern Idaho/Northern Nevada: 4,167,310 acres (-91,229 acres) Southwestern/South Central Wyoming: 3,332,214 acres (0 acres)

PROCESS CONTACT

INDIVIDUAL'S NAME Leisa Wesch  
ORGANIZATION'S NAME BLM Nevada State Office  
CONTACT'S POSITION GIS Specialist  
CONTACT'S ROLE processor

CONTACT INFORMATION

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VOICE 775-861-6421

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COUNTRY US  
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PROCESS STEP

WHEN THE PROCESS OCCURRED 2015-01-30

DESCRIPTION

The resulting dataset, after steps 2 – 8 above were completed, was dissolved to the SFA name field yielding this feature class with one record per SFA area. Acreage & overall change = 16,180,875 acres (-333,288 acres) Bear River Watershed Area - 563,019 (+77) North-Central Idaho - 2,629,396 (-4,506) North Central Montana - 1,807,622 (-169,757) SE Oregon/NC Nevada- 1,740,838 (-97,951) Sheldon-Hart Mountain NWR Complex Area- 1,910,170 (-228) Southern Idaho/Northern Nevada - 4,197,915 (-60,624) Southwestern/South Central Wyoming - 3,331,915 (-299)

PROCESS CONTACT

INDIVIDUAL'S NAME Anthony Titolo  
ORGANIZATION'S NAME Wildlife Habitat Spatial Analysis Lab, BLM National Operations Center  
CONTACT'S POSITION Sr. GIS Analyst, Team Lead  
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PROCESS STEP

WHEN THE PROCESS OCCURRED 2015-01-30

DESCRIPTION

In addition to removing UMRBNM, the BLM Washington Office also directed the removal of Non-ADPP habitat within the SFAs, on BLM managed lands, falling outside of Designated Wilderness' & Wilderness Study Areas. An exception was the retention of the Donkey Hills ACEC and adjacent BLM lands. The BLM NOC GSSP NLCS datasets were used in conjunction with a dataset containing all ADPP habitat, BLM SMA and BLM sub-surface management unioned into one file to identify and delete these areas. After WO Identified Areas Removed and Repair Geometry - 16,180,875 (-6,517) Bear River Watershed Area - 563,019 (-18) North-Central Idaho - 2,629,396 (-355) North Central Montana - 1,807,622 (-634) SE Oregon/NC Nevada- 1,740,838 (0) Sheldon-Hart Mountain NWR Complex Area- 1,910,170 (-3) Southern Idaho/Northern Nevada - 4,197,915 (-5,506) Southwestern/South Central Wyoming - 3,331,915 (-1)

PROCESS CONTACT

INDIVIDUAL'S NAME Anthony Titolo  
ORGANIZATION'S NAME Wildlife Habitat Spatial Analysis Lab, BLM National Operations Center  
CONTACT'S POSITION Sr. GIS Analyst, Team Lead  
CONTACT'S ROLE processor

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PROCESS STEP

WHEN THE PROCESS OCCURRED 2015-01-30

DESCRIPTION

In an effort to simplify the FWS dataset, features whose areas were less than 40 acres were identified and FWS was consulted for guidance on possible removal. To do so, features from #4 above were exploded once again in an ArcMap edit session. Features whose areas were less than forty acres were selected and exported (770 total features). This dataset was provided to the FWS and then returned with specific guidance on inclusion/exclusion via email by Lara Juliusson (lara\_juliusson@fws.gov). The specific guidance was: a. Remove all features whose area is less than 10 acres b. Remove features identified as slivers (the thinness ratio was calculated and slivers identified by Lara Juliusson according to <https://tereshenkov.wordpress.com/2014/04/08/fighting-sliver-polygons-in-arcgis-thinness-ratio/>) and whose area was less than 20 acres. c. Remove features with areas less than 20 acres NOT identified as slivers and NOT adjacent to other features. d. Keep the remainder of features identified as less than 40 acres. To accomplish "a" and "b", above, a simple selection was applied to the dataset representing features less than 40 acres. The select by location tool was used, set to select identical, to select these features from the dataset created in step 4 above. The records count was confirmed as matching between the two data sets and then these features were deleted. To accomplish "c" above, a field ("AdjacentSH", added by FWS but not calculated) was calculated to identify features touching or intersecting other features. A series of selections was used: first to select records < 20 acres that were not slivers, second to identify features intersecting other features, and finally another to identify features touching the boundary of other features. Once the select by locations were applied, the field "AdjacentSH" was calculated to identify the features as touching, intersecting or not touching other features. Features identified as not touching or intersecting were selected,



then the select by location tool was used, set to select identical, to select these features from the dataset created in step 4 above. The records count was confirmed as matching between the two data sets and then these features were deleted. 530 of the 770 features were removed in total. Acreage & change after Sliver Removal: 16,356,427 (-1,284) Bear River Watershed Area: 563,037 (-49) North-Central Idaho: 2,629,751 (-317) North Central Montana: 1,977,107 (-272) SE Oregon/NC Nevada: 1,740,838 (-91) Sheldon-Hart Mountain NWR Complex Area: 1,910,358 (-34) Southern Idaho/Northern Nevada: 4,203,421 (-221) Southwestern/South Central Wyoming: 3,331,916 (-298)

#### PROCESS CONTACT

INDIVIDUAL'S NAME Anthony Titolo

ORGANIZATION'S NAME Wildlife Habitat Spatial Analysis Lab, BLM National Operations Center

CONTACT'S POSITION Sr. GIS Analyst, Team Lead

CONTACT'S ROLE processor

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#### PROCESS STEP

WHEN THE PROCESS OCCURRED 2015-01-30

##### DESCRIPTION

Based on direction from the BLM Washington Office, the portion of the Upper Missouri River Breaks National Monument (UMRBNM) that was included in the FWS SFA dataset was removed. The BLM NOC GSSP NLCS dataset was used to erase these areas from #5 above. Resulting sliver polygons were also removed and geometry was repaired. Acreage & change after UMRB Removal and Repair Geometry - 16,187,392 (-169,035) Bear River Watershed Area - 563,037 (0) North-Central Idaho - 2,629,751 (0) North Central Montana - 1,808,256 (-168,851) SE Oregon/NC Nevada- 1,740,838 (0) Sheldon-Hart Mountain NWR Complex Area- 1,910,173 (-185 – repair geometry result) Southern Idaho/Northern Nevada - 4,203,421 (0) Southwestern/South Central Wyoming - 3,331,916 (0)

#### PROCESS CONTACT

INDIVIDUAL'S NAME Anthony Titolo

ORGANIZATION'S NAME Wildlife Habitat Spatial Analysis Lab, BLM National Operations Center

CONTACT'S POSITION Sr. GIS Analyst, Team Lead

CONTACT'S ROLE processor

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#### PROCESS STEP

WHEN THE PROCESS OCCURRED 2015-01-30

##### DESCRIPTION

Repair Geometry

#### PROCESS CONTACT

INDIVIDUAL'S NAME Anthony Titolo

ORGANIZATION'S NAME Wildlife Habitat Spatial Analysis Lab, BLM National Operations Center

CONTACT'S POSITION Sr. GIS Analyst, Team Lead

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**PROCESS STEP**

WHEN THE PROCESS OCCURRED 2015-01-30

**DESCRIPTION**

The "Acres" field was added and calculated.

**PROCESS CONTACT**

INDIVIDUAL'S NAME Anthony Titolo  
ORGANIZATION'S NAME Wildlife Habitat Spatial Analysis Lab, BLM National Operations Center  
CONTACT'S POSITION Sr. GIS Analyst, Team Lead  
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**PROCESS STEP**

WHEN THE PROCESS OCCURRED 2015-01-30

**DESCRIPTION**

Once the data was returned to the Wildlife Habitat Spatial Analysis Lab from the NVCA EIS, gaps surrounding the State of NV were closed. These gaps were introduced by the NVCA edits, exacerbated by them, or existed in the data as provided by the FWS. The gap closing was performed in an edit session by either extending each polygon towards each other or by creating a new polygon, which covered the gap, and merging it with the existing features. In addition to the gaps around state boundaries, a large area between the S. Idaho and S.E. Oregon SFAs was filled in. To accomplish this, ADPP habitat (current as of January 2015) and BLM GSSP SMA data were used to create a new polygon representing PHMA and BLM management that connected the two existing SFAs. Acreage & change from #3 after gap closing: 16,357,711 (+38,996) Bear River Watershed Area: 563,086 (+144) North-Central Idaho: 2,630,068 (0) North Central Montana: 1,977,379 (0) SE Oregon/NC Nevada: 1,740,929 (+2,519) Sheldon-Hart Mountain NWR Complex Area: 1,910,392 (0) Southern Idaho/Northern Nevada: 4,203,642 (+36, 332) Southwestern/South Central Wyoming: 3,332,214 (0)

**PROCESS CONTACT**

INDIVIDUAL'S NAME Anthony Titolo  
ORGANIZATION'S NAME Wildlife Habitat Spatial Analysis Lab, BLM National Operations Center  
CONTACT'S POSITION Sr. GIS Analyst, Team Lead  
CONTACT'S ROLE processor

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**PROCESS STEP**

WHEN THE PROCESS OCCURRED 2015-02-05

**DESCRIPTION**

Applied Metadata

PROCESS CONTACT

INDIVIDUAL'S NAME Anthony Titolo

ORGANIZATION'S NAME Wildlife Habitat Spatial Analysis Lab, BLM National Operations Center

CONTACT'S POSITION Sr. GIS Analyst, Team Lead

CONTACT'S ROLE processor

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PROCESS STEP

WHEN THE PROCESS OCCURRED 2015-02-05

DESCRIPTION

Provided to EISs.

PROCESS CONTACT

INDIVIDUAL'S NAME Anthony Titolo

ORGANIZATION'S NAME Wildlife Habitat Spatial Analysis Lab, BLM National Operations Center

CONTACT'S POSITION Sr. GIS Analyst, Team Lead

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PROCESS STEP

WHEN THE PROCESS OCCURRED 2015-06-30

DESCRIPTION

Updated metadata.

PROCESS CONTACT

INDIVIDUAL'S NAME Anthony Titolo

ORGANIZATION'S NAME Wildlife Habitat Spatial Analysis Lab, BLM National Operations Center

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PROCESS STEP

WHEN THE PROCESS OCCURRED 2015-06-30

DESCRIPTION

Consolidated EIS data sets using the merge function in ArcGIS.

PROCESS CONTACT

INDIVIDUAL'S NAME Anthony Titolo

ORGANIZATION'S NAME Wildlife Habitat Spatial Analysis Lab, BLM National Operations Center

CONTACT'S POSITION Sr. GIS Analyst, Team Lead

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PROCESS STEP

WHEN THE PROCESS OCCURRED 2015-06-30

DESCRIPTION

Subset to BLM decision space (surface/sub-surface) within PHMA by each EIS and returned to the NOC for consolidation.

PROCESS CONTACT

INDIVIDUAL'S NAME Anthony Titolo

ORGANIZATION'S NAME Wildlife Habitat Spatial Analysis Lab, BLM National Operations Center

CONTACT'S POSITION Sr. GIS Analyst, Team Lead

CONTACT'S ROLE processor

CONTACT INFORMATION

PHONE

VOICE 303-236-0446

ADDRESS

TYPE both

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CITY Lakewood

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POSTAL CODE 80225

COUNTRY US

E-MAIL ADDRESS [atitolo@blm.gov](mailto:atitolo@blm.gov)

PROCESS STEP

WHEN THE PROCESS OCCURRED 2015-06-30

DESCRIPTION

Dissolved to the three standardized fields.

PROCESS CONTACT

INDIVIDUAL'S NAME Anthony Titolo

ORGANIZATION'S NAME Wildlife Habitat Spatial Analysis Lab, BLM National Operations Center

CONTACT'S POSITION Sr. GIS Analyst, Team Lead

CONTACT'S ROLE processor

CONTACT INFORMATION

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PROCESS STEP

WHEN THE PROCESS OCCURRED 2015-06-30

DESCRIPTION

Added and calculated three standardized fields.

PROCESS CONTACT

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CONTACT'S POSITION Sr. GIS Analyst, Team Lead

CONTACT'S ROLE processor

CONTACT INFORMATION

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E-MAIL ADDRESS [atitolo@blm.gov](mailto:atitolo@blm.gov)

#### PROCESS STEP

WHEN THE PROCESS OCCURRED 2016-04-15 00:00:00

#### DESCRIPTION

added and populated "ConstraintLevel" field to indicate if area is exclusion or avoidance based on BLM input; where necessary, split polygons across state lines; ran topology and fixed all overlaps.

#### PROCESS CONTACT

INDIVIDUAL'S NAME Emily Zvolanek  
ORGANIZATION'S NAME Argonne National Laboratory  
CONTACT'S POSITION Senior GIS Analyst  
CONTACT'S ROLE processor

#### CONTACT INFORMATION

##### PHONE

VOICE 630.252.1443

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TYPE both  
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ADMINISTRATIVE AREA IL  
POSTAL CODE 60439  
COUNTRY US  
E-MAIL ADDRESS [emily@anl.gov](mailto:emily@anl.gov)

#### SOURCE DATA

##### DESCRIPTION

USFWS

SOURCE MEDIUM NAME online link

#### SOURCE DATA

##### DESCRIPTION

Sagebrush focal areas

#### SOURCE CITATION

TITLE BLM\_Sagebrush\_Focal\_Areas.shp

#### RESOURCE IDENTIFIER

VALUE 390

## Distribution

#### DISTRIBUTOR

##### CONTACT INFORMATION

INDIVIDUAL'S NAME Anthony Titolo  
ORGANIZATION'S NAME Wildlife Habitat Spatial Analysis Lab, BLM National Operations Center  
CONTACT'S POSITION Sr. GIS Analyst, Team Lead  
CONTACT'S ROLE distributor

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#### AVAILABLE FORMAT

NAME File Geodatabase Feature Class

VERSION 10.2.1

SPECIFICATION Feature Class

FILE DECOMPRESSION TECHNIQUE no compression applied

ORDERING PROCESS

DATE OF AVAILABILITY 2015-07-01

DISTRIBUTION FORMAT

\* NAME File Geodatabase Feature Class

TRANSFER OPTIONS

ONLINE SOURCE

LOCATION

[https://gis.blm.gov/GRSGEISDownload/LayerPackages/BLM\\_WesternUS\\_GRSG\\_SFA\\_poly.lpk](https://gis.blm.gov/GRSGEISDownload/LayerPackages/BLM_WesternUS_GRSG_SFA_poly.lpk)

## Fields

DETAILS FOR OBJECT [grsg\\_sfa](#)

\* TYPE Feature Class

\* ROW COUNT 34

DEFINITION

ESRI

DEFINITION SOURCE

ESRI

FIELD [OBJECTID\\_1](#)

\* ALIAS [OBJECTID\\_1](#)

\* DATA TYPE [OID](#)

\* WIDTH 4

\* PRECISION 0

\* SCALE 0

\* FIELD DESCRIPTION

Internal feature number.

\* DESCRIPTION SOURCE

Esri

\* DESCRIPTION OF VALUES

Sequential unique whole numbers that are automatically generated.

FIELD [Subsurface](#)

\* ALIAS [Subsurface](#)

\* DATA TYPE [String](#)

\* WIDTH 50

\* PRECISION 0

\* SCALE 0

FIELD DESCRIPTION

Binary "Yes" or "No" to indicate if the area is within the Federal Mineral Estate.

DESCRIPTION SOURCE

BLM EISs, standardized by the NOC.

CODED VALUES

NAME OF CODELIST [No](#)

SOURCE BLM EISs, standardized by the NOC.

CODED VALUES

NAME OF CODELIST [Yes](#)

SOURCE BLM EISs, standardized by the NOC.

CODED VALUES

NAME OF CODELIST [NA - NVCA](#)

SOURCE BLM EISs, standardized by the NOC. NVCA does not have a subsurface dataset.

FIELD [SFA\\_Name](#)

\* ALIAS [SFA\\_Name](#)

\* DATA TYPE [String](#)

\* WIDTH 50

\* PRECISION 0

\* SCALE 0

FIELD DESCRIPTION

Name of SFA

DESCRIPTION SOURCE

USFWS

CODED VALUES

NAME OF CODELIST [Sheldon-Hart Mountain NWR Complex Area](#)

SOURCE USFWS  
 CODED VALUES  
 NAME OF CODELIST Bear River Watershed Area  
 SOURCE USFWS  
 CODED VALUES  
 NAME OF CODELIST SE Oregon/NC Nevada  
 SOURCE USFWS  
 CODED VALUES  
 NAME OF CODELIST Southwestern/South Central Wyoming  
 SOURCE USFWS  
 CODED VALUES  
 NAME OF CODELIST North-Central Idaho  
 SOURCE USFWS  
 CODED VALUES  
 NAME OF CODELIST Southern Idaho/Northern Nevada  
 SOURCE USFWS  
 CODED VALUES  
 NAME OF CODELIST North Central Montana  
 SOURCE USFWS

#### FIELD SMA

\* ALIAS SMA  
 \* DATA TYPE String  
 \* WIDTH 50  
 \* PRECISION 0  
 \* SCALE 0

#### FIELD DESCRIPTION

Surface management entity, simplified by the NOC.

#### DESCRIPTION SOURCE

BLM, simplified by the NOC

#### CODED VALUES

NAME OF CODELIST USFS  
 SOURCE BLM

#### CODED VALUES

NAME OF CODELIST Other Federal

SOURCE BLM - simplified by the NOC to consolidate all other federal surface management entities

#### CODED VALUES

NAME OF CODELIST BLM  
 SOURCE BLM

#### CODED VALUES

NAME OF CODELIST Private, State, Non-Federal  
 SOURCE BLM - simplified by the NOC to consolidate all other non-federal surface management entities

#### FIELD Shape

\* ALIAS Shape  
 \* DATA TYPE Geometry  
 \* WIDTH 0  
 \* PRECISION 0  
 \* SCALE 0

#### FIELD DESCRIPTION

Feature geometry.

#### DESCRIPTION SOURCE

Esri

#### DESCRIPTION OF VALUES

Coordinates defining the features.

#### FIELD OBJECTID

\* ALIAS OBJECTID  
 \* DATA TYPE Integer  
 \* WIDTH 4  
 \* PRECISION 0

\* SCALE 0

FIELD DESCRIPTION

Internal feature number.

DESCRIPTION SOURCE

Esri

DESCRIPTION OF VALUES

Sequential unique whole numbers that are automatically generated.

FIELD ConstraintLevel

\* ALIAS ConstraintLevel

\* DATA TYPE String

\* WIDTH 50

\* PRECISION 0

\* SCALE 0

FIELD DESCRIPTION

Type of constraint for development, provided by BLM

DESCRIPTION SOURCE

Argonne National Laboratory

FIELD Shape\_Length

\* ALIAS Shape\_Length

\* DATA TYPE Double

\* WIDTH 8

\* PRECISION 0

\* SCALE 0

\* FIELD DESCRIPTION

Length of feature in internal units.

\* DESCRIPTION SOURCE

Esri

\* DESCRIPTION OF VALUES

Positive real numbers that are automatically generated.

FIELD Shape\_Area

\* ALIAS Shape\_Area

\* DATA TYPE Double

\* WIDTH 8

\* PRECISION 0

\* SCALE 0

\* FIELD DESCRIPTION

Area of feature in internal units squared.

\* DESCRIPTION SOURCE

Esri

\* DESCRIPTION OF VALUES

Positive real numbers that are automatically generated.

OVERVIEW DESCRIPTION

ENTITY AND ATTRIBUTE OVERVIEW

A text field, "AoS\_Name", was added. Using the maps provided with Memorandum FWS/AES/058711, "SMA" and "Subsurface" were calculated to standardized values based on EIS submissions.

## Metadata Details

METADATA LANGUAGE English (UNITED STATES)

METADATA CHARACTER SET utf8 - 8 bit UCS Transfer Format

SCOPE OF THE DATA DESCRIBED BY THE METADATA dataset

SCOPE NAME \* dataset

\* LAST UPDATE 2016-11-07

ARCGIS METADATA PROPERTIES

METADATA FORMAT ArcGIS 1.0

METADATA STYLE FGDC CSDGM Metadata

STANDARD OR PROFILE USED TO EDIT METADATA FGDC

CREATED IN ARCGIS FOR THE ITEM 2016-04-07 14:28:00



LAST MODIFIED IN ARCGIS FOR THE ITEM 2016-11-07 08:18:35  
AUTOMATIC UPDATES  
HAVE BEEN PERFORMED Yes  
LAST UPDATE 2016-11-07 08:18:35

## Metadata Contacts

### METADATA CONTACT

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### CONTACT INFORMATION

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## Metadata Maintenance

### MAINTENANCE

UPDATE FREQUENCY unknown

#### OTHER MAINTENANCE REQUIREMENTS

Last metadata review date: 20150819