

PAD-US (CBI Edition) Version 2

Metadata also available as

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Identification_Information:

Citation:

Citation_Information:

Originator: Conservation Biology Institute

Publication_Date: October 31, 2012

Title: PAD-US (CBI Edition) Version 2

Publication_Information:

Publication_Place: Corvallis, Oregon

Publisher: Conservation Biology Institute

Description:

Abstract:

PAD-US (CBI Edition) Version 2 is a national database of protected fee lands in the United States. PAD-US (CBI Edition) Version 2 has been redesigned to be used along with the National Conservation Easement Database (NCED), to visualize the entire terrestrial conservation estate of the United States. PAD-US (CBI Edition) Version 2 is limited to the continental U.S., Alaska, and Hawaii. It does not include protected areas data for U.S. territories at this time. Protected areas are cornerstones of national and international conservation strategies. By way of these designations, lands and waters are set aside in perpetuity to preserve functioning natural ecosystems, act as refuges for species, and maintain ecological processes. Complementary conservation strategies preserve land for the sustainable use of natural resources, or for the protection of significant geologic and cultural features or open space. The PAD-US (CBI Edition) Version 2 data set portrays the nation's protected areas with standardized spatial geometry and numerous valuable attributes on land ownership, management designations, and conservation status (using national GAP and international IUCN coding systems). The PAD-US (CBI Edition) Version 2 defines protected area to include all fee lands dedicated to the preservation of biology diversity and to other natural, recreation and cultural uses, and managed for these purposes through legal or other effective means (adapted from IUCN definition). The database represents the full range of fee conservation designations that preserve these natural resources in the United States. Our database does not distinguish a protection threshold above which biodiversity is considered secure. Instead, a complete suite of protected area attributes are provided for each polygon with the purpose of giving users

the information they need to define the most relevant conservation thresholds for their own objectives and requirements. Collaborating with the nation's leading data providers, the goal is to provide an annual update. For more information about this dataset, and to download the full US dataset, please go to: <http://consbio.org/products/projects/pad-us-cbi-edition>.

Purpose:

This GIS-based dataset was created to help people integrate fee land protected areas data into their daily work (e.g. mapping, planning, analyses, and problem-solving). For example, this database makes it easy for users to address important conservation and resource questions pertaining to climate change adaptation, green energy development, infrastructure planning, and wildlife connectivity. State and regional planners and managers will appreciate this dataset as it provides critical contextual information for their work. Institutions responsible for national and international reporting will find this database full of reliable, accurate information for their purposes. The scientific and conservation community will similarly benefit from having this standardized base map to carry out their research and planning objectives.

Supplemental_Information:

Time_Period_of_Content:

Time_Period_Information:

Single_Date/Time:

Calendar_Date: October 31, 2012

Currentness_Reference: publication date

Keywords:

Theme:

Theme_Keyword_Thesaurus: Data Basin free form keywords

Theme_Keyword: Protected Areas

Theme_Keyword: Fee Land

Theme_Keyword: GAP Code

Theme_Keyword: IUCN Code

Theme_Keyword: FIA Owner Code

Theme_Keyword: Forest Reserve Status

Theme_Keyword: Protected Land

Theme_Keyword: Federal Land

Theme_Keyword: Native American Land

Theme_Keyword: State Land

Theme_Keyword: Local Land

Theme_Keyword: Private Conservation Land

Access_Constraints: None

Use_Constraints: This information is in the public domain.

Point_of_Contact:

Contact_Information:

Contact_Person_Primary:

Contact_Person: Kai Henifin

Contact_Organization: Conservation Biology Institute

Contact_Position:

Contact_Address:

Address_Type: mailing and physical address
Address: 136 SW Washington Ave. Suite 202
City: Corvallis
State_or_Province: Oregon
Postal_Code: 97333
Country: USA

Contact_Voice_Telephone: 541.368.5804

Contact_Electronic_Mail_Address: khenifin@consbio.org

Data_Set_Credit:

See PAD-US (CBI Edition) Version 2 Data Source table. This information and more can be accessed at: <http://consbio.org/products/projects/pad-us-cbi-edition>

Data_Quality_Information:

Spatial_Data_Organization_Information:

Point_and_Vector_Object_Information:

SDTS_Terms_Description:

SDTS_Point_and_Vector_Object_Type:

Point_and_Vector_Object_Count:

Spatial_Reference_Information:

Horizontal_Coordinate_System_Definition:

Geographic:

Latitude_Resolution: 0

Longitude_Resolution: 0

Geographic_Coordinate_Units: Decimal degrees

Geodetic_Model:

Horizontal_Datum_Name: D_WGS_1984

Ellipsoid_Name: WGS_1984

Semi-major_Axis: 6378137.000000

Denominator_of_Flattening_Ratio: 298.257224

Entity_and_Attribute_Information:

Detailed_Description:

Entity_Type:

Entity_Type_Label: PADUSv2_CBIEdition

Entity_Type_Definition: Spatial Dataset

Entity_Type_Definition_Source: CBI

Attribute:

Attribute_Label: OWN_TYPE

Attribute_Definition:

General land owner description (e.g. Federal Land, Native American Land, State Land, Local Land, Private Conservation Land and Private Land) standardized for the nation.

Attribute_Definition_Source: Conservation Biology Institute

Attribute:

Attribute_Label: OWN_NAME

Attribute_Definition:

Primary agency or entity who owns the parcel, detailed ownership name.

Attribute_Definition_Source: Conservation Biology Institute

Attribute:

Attribute_Label: MGR_NAME_D

Attribute_Definition:

Primary agency or entity responsible for the management of the parcel, detailed manager name (if different than owner)

Attribute_Definition_Source: Conservation Biology Institute

Attribute:

Attribute_Label: P_DES_TP

Attribute_Definition:

Primary land management description or designation expected to overlap another designation, standardized for the nation (e.g. Wilderness Area resides in this field while National Forest in Secondary Designation Type).

Attribute_Definition_Source: Conservation Biology Institute

Attribute:

Attribute_Label: P_LOC_DS

Attribute_Definition:

Land management description or designation as provided by data source. Not standardized for the nation.

Attribute_Definition_Source: Conservation Biology Institute

Attribute:

Attribute_Label: P_DES_NM

Attribute_Definition: Name of parcel standardized to enable searches for PAs by name.

Attribute_Definition_Source: Conservation Biology Institute

Attribute:

Attribute_Label: P_LOC_NM

Attribute_Definition: Name or parcel as provided by source. Not standardized.

Attribute_Definition_Source: Conservation Biology Institute

Attribute:

Attribute_Label: S_DES_TP

Attribute_Definition:

Overarching management of a polygon under which another may overlap (e.g. a

National Forest is listed here, when a Wilderness Area overlaps and is therefore the primary designation type).

Attribute_Definition_Source: Conservation Biology Institute

Attribute:

Attribute_Label: S_LOC_DS

Attribute_Definition:

Land management description or designation as provided by data source. Not standardized for the nation.

Attribute_Definition_Source: Conservation Biology Institute

Attribute:

Attribute_Label: S_DES_NM

Attribute_Definition: Name of parcel standardized to enable searches for PAs by name.

Attribute_Definition_Source: Conservation Biology Institute

Attribute:

Attribute_Label: S_LOC_NM

Attribute_Definition: Name of parcel as provided by source. Not standardized.

Attribute_Definition_Source: Conservation Biology Institute

Attribute:

Attribute_Label: T_DES_TP

Attribute_Definition:

Overarching management of a polygon under which another may overlap (e.g. a National Forest is listed here, when a Wilderness Area and Research Natural Area overlap and are therefore the primary and secondary designation type).

Attribute_Definition_Source: Conservation Biology Institute

Attribute:

Attribute_Label: T_LOC_DS

Attribute_Definition:

Land management description or designation as provided by data source. Not standardized for the nation.

Attribute_Definition_Source: Conservation Biology Institute

Attribute:

Attribute_Label: T_DES_NM

Attribute_Definition: Name of parcel standardized to enable searches for PAs by name.

Attribute_Definition_Source: Conservation Biology Institute

Attribute:

Attribute_Label: T_LOC_NM

Attribute_Definition: Name of parcel as provided by source. Not standardized.

Attribute_Definition_Source: Conservation Biology Institute

Attribute:

Attribute_Label: STATE_NM

Attribute_Definition: Name of state spelled out.

Attribute_Definition_Source: Conservation Biology Institute

Attribute:

Attribute_Label: GAP_STS

Attribute_Definition:

Measure of long-term biodiversity protection according to GAP 1-4 scale. GAP Unknown identify parcels where GAP codes are currently unavailable.

Attribute_Definition_Source: Conservation Biology Institute

Attribute:

Attribute_Label: IUCN_CAT

Attribute_Definition:

IUCN management categories, codes assigned using Stewardship List.

Attribute_Definition_Source: Conservation Biology Institute

Attribute:

Attribute_Label: GIS_SRC

Attribute_Definition:

Source of GIS spatial and attribute information, including the name of state aggregator (if applicable).

Attribute_Definition_Source: Conservation Biology Institute

Attribute:

Attribute_Label: SRC_DATE

Attribute_Definition:

Date GIS information was published according to source filed metadata.

Attribute_Definition_Source: Conservation Biology Institute

Attribute:

Attribute_Label: COMMENTS

Attribute_Definition: Any comments from either the source of aggregator.

Attribute_Definition_Source: Conservation Biology Institute

Attribute:

Attribute_Label: GIS_ACRES

Attribute_Definition: Acres calculated using parcel geometry.

Attribute_Definition_Source: Conservation Biology Institute

Attribute:

Attribute_Label: STATUS

Attribute_Definition:

Proposed - Site has approval on a local government level but is awaiting legal declaration/decreed; Designated - Site has been legally decreed; Recommended - Site has been put forward by local/international, non governmental organization or national agency.

Attribute_Definition_Source: Conservation Biology Institute

Attribute:

Attribute_Label: FIA_CODE

Attribute_Definition:

FIA_code - Forest Inventory Assessment ownership code (11= National Forest, 12=

National Grassland, 13= Other Forest Service, 21= National Park Service, 22= Bureau of Land Management, 23= Fish and Wildlife Service, 24= Department of Defense/Energy, 25= Other Federal, 31= State, 32= Local, 33= Other Non Federal Pubic, 40= Private Lands)

Attribute_Definition_Source: Conservation Biology Institute

Attribute:

Attribute_Label: SHAPE_LENG

Attribute_Definition: Length of feature in internal units.

Attribute_Definition_Source: Conservation Biology Institute

Attribute:

Attribute_Label: SHAPE_AREA

Attribute_Definition: Area of feature in internal units squared.

Attribute_Definition_Source: ESRI

Attribute:

Attribute_Label: RES_STATUS

Attribute_Definition:

Identifies federal lands that are reserved or not reserved based on PA designation type. Reserved land is withdrawn by law(s) prohibiting the management of land for the production of wood products (not merely controlling or prohibiting wood-harvesting methods). Such authority is vested in a public agency or department, and supersedes rights of ownership. The prohibition against management for wood products cannot be changed through decision of the land manager (management agency) or through a change in land management personnel, but rather is permanent in nature.

Attribute_Definition_Source: Conservation Biology Institute

Distribution_Information:

Metadata_Reference_Information:

Metadata_Date:

Metadata_Contact:

Contact_Information:

Contact_Person_Primary:

Contact_Person:

Contact_Organization:

Contact_Position:

Metadata_Standard_Name:

Metadata_Standard_Version:

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