



Metadata

USGS Nonindigenous Aquatic Species database

SUPPORTED BY



Exported from the Freshwater Biodiversity Data Portal, <http://data.freshwaterbiodiversity.eu>
Visit the Freshwater Metadatabase, http://data.freshwaterbiodiversity.eu/metadb/about_metadata

General information

name of the dataset:

full name of the dataset: *USGS Nonindigenous Aquatic Species database*
dataset short name: *USGS-NAS*

type of dataset ([more information](#)): *species distribution data*

data type: *point data/observation data, descriptive data*

short description of the dataset/summary:

The database has been established as a central repository for spatially referenced biogeographic accounts of introduced aquatic species. The program provides scientific reports, online/realtime queries, spatial data sets, regional contact lists, and general information. The data is made available for use by biologists, interagency groups, and the general public.

science keywords according to [GCMD](#):

topic: *Biosphere, Biological Classification*

keywords: *Species, Nonindigenous species database, Species database network, USA, nonnative,*

ISO topic category according to [ISO 19115](#):

Biota, Inland Waters

Technical and administrative specifications

data format: *others/specify*
others/details: *MS SQL*
operating system: *Win Server*
data language: *English*
current access level: *web (public), internal*
web address (URL): *http://nas.er.usgs.gov*
currently available through [GBIF](#): *yes*
exchange planned:
update level: *continuously updated*
documentation:
Do you plan to publish the data on the Freshwater Biodiversity data portal:
media for data delivery: *online internet (HTTP)*
web address: *http://nas.er.usgs.gov*
contact details:

metadata contact person:
first, last name: *Pam Fuller*
phone: *001 352-264-3481*
email: *pfuller@usgs.gov*
institution: *U.S. Geological Survey*
address: *7920 NW 71st Street*
postal code, city: *32653 Gainesville*
province, state: *Florida*
country: *USA*
web address: *http://www.usgs.gov/*

technical contact person:
first, last name: *Matt Cannister*
phone: *001 352-264-3572*
email: *mcannister@usgs.gov*

scientific contact person:
first, last name: *Pam Fuller*
phone: *001 352-264-3481*
email: *pfuller@usgs.gov*

Intellectual property rights and citation

(if the database is already published):

dataset creator (data compiler):

contact name: *USGS Nondigenous Aquatic Species Program*

contact email: *<http://nas.er.usgs.gov>*

data contributors to/owners of this dataset:

single

criteria for using the data in a publication/scientific analysis:

Other/Additional criteria

other/additional criteria:

We strongly encourage authors to contact our staff before using the data to make sure they are used correctly. Co-authorship is requested when warranted.

citation of this dataset:

author(s): *USGS/NAS*

title: *Nonindigenous Aquatic Species Database. <http://nas.er.usgs.gov>.
Gainesville, FL.*

year: *2013*

citation of the metadata:

General data specifications

regional coverage of the dataset:

scale of the dataset: *national*
continents: *North America*

Site specifications

coordinate system/grid data: *latitude/longitude, format: DD*
datum (e.g. WGS84): *WGS84*

number of sites: *>1000*

Biological data

biological data origin:

organism group addressed: *mammals, reptiles, amphibians, fish, macro-invertebrates (Mollusca, Crayfish, Crabs), zooplankton, invasive species, other group(s): Coelenterates, Bryozoans*

Sample resolution

mammals:

taxonomic resolution: *species*
other taxonomic levels: *subspecies*
percentage of species level data: *100*

taxonomic coding:

reptiles:

taxonomic resolution: *species, other*
other taxonomic levels: *subspecies*
percentage of species level data: *100*

taxonomic coding:

amphibians:

taxonomic resolution: *species, other*
other taxonomic levels: *subspecies*
percentage of species level data: *100*

taxonomic coding:

fish:

taxonomic resolution: *genus, species, other*
other taxonomic levels: *subspecies*
percentage of species level data: *99*

taxonomic coding:

taxalist according to: *ITIS or more recent literature*

macro-invertebrates:

taxonomic resolution: *genus, species*
percentage of species level data: *99*

taxonomic coding:

taxalist according to: *ITIS or more recent literature*

zooplankton:

taxonomic resolution: *genus, species*

taxonomic coding:

taxalist according to: *ITIS or more recent literature*

invasive species:

taxonomic resolution: *genus, species, other*
other taxonomic levels: *subspecies*
percentage of species level data: *99*

taxonomic coding:

taxalist according to: *ITIS or more recent literature*
coding system: *ITIS or more recent literature*

other group(s):

taxonomic resolution: *genus, species*

taxonomic coding:

taxalist according to: *ITIS or more recent literature*

Other specifications

GIS layers, shapes related to the dataset:

others (specify): *species distribution*
excel spreadsheet on request

availability of photos: *yes*

availability of maps: *yes*

quality control procedures:

Were any quality control procedures applied to your dataset?
yes

quality control protocols and comments:
records are screened before entering to verify location and species identification. Many programming tools are in place to catch data entry errors.