

# MaNIS Georeferencing Model

11 Oct 2002

LatLong

LatLongID: serial NOT NULL
LocalityID: integer NOT NULL (FK)
DetByAgentID: integer NOT NULL (FK)
InstAgentID: integer
DeterminedDate: datetime
DeterminationRef: varchar(255) NOT NULL
OrigCoordSystem: varchar(20) NOT NULL
Datum: varchar(40) NOT NULL
MaxErrorDistance: numeric(6,2)
MaxErrorUnits: varchar(2)
DecLat: numeric(12,10)
DecLong: numeric(13,10)
LatDeg: integer
DecLatMin: numeric(10,8)
LatMin: integer
LatSec: numeric(8,6)
LatDir: char(1)
LongDeg: integer
DecLongMin: numeric(10,8)
LongMin: integer
LongSec: numeric(8,6)
LongDir: char(1)
UTMZone: varchar(3)
UTMEW: integer
UTMNS: integer
LatLongRemarks: varchar(255)
NamedPlace: varchar(255)
Extent: numeric(6,2)

HigherGeog

GeogID: integer NOT NULL
CollectionCode: varchar(10) NOT NULL (FK)
InstGeogID: integer NOT NULL
HigherGeog: varchar(255) NOT NULL
ContinentOcean: varchar(255)
Country: varchar(255)
StateProv: varchar(255)
County: varchar(255)
Quad: varchar(255)
Feature: varchar(255)
Island: varchar(255)
IslandGroup: varchar(255)
Sea: varchar(255)

Collection

CollectionCode: varchar(10) NOT NULL
Institution: varchar(255) NOT NULL

Locality

LocalityID: integer NOT NULL
GeogID: integer (FK)
CollectionCode: varchar(10) NOT NULL (FK)
InstLocalityID: integer
SpecLocality: varchar(255) NOT NULL
ElevationText: varchar(255)
TRS: varchar(255)
CaptiveFlag: integer NOT NULL
MinElev: varchar(255)
MaxElev: varchar(255)
ElevUnits: varchar(255)
LatText: varchar(255)
LongText: varchar(255)
Township: char(18)
TownshipDir: varchar(20)
Range: char(18)
RangeDir: varchar(20)
TRSSection: char(18)
TRSPart: char(18)
Habitat: varchar(255)
NoGeorefBecause: varchar(255)

Agent

AgentID: integer NOT NULL
InstAgentID: integer
PreferredAgentName: varchar(30) NOT NULL
LoginName: varchar(20)
Institution: varchar(255) NOT NULL
EmailAddress: varchar(255) NOT NULL
AgentRole: varchar(25) NOT NULL

GeogAnnotation

GeogAnnotationID: integer NOT NULL
AnnotatedByAgentID: integer NOT NULL (FK)
GeogID: integer NOT NULL (FK)
GeogAnnotatedDate: datetime NOT NULL
GeogAnnotation: varchar(255) NOT NULL

SpecimenLocality

CollectionCode: varchar(10) (FK)
CatNum: varchar(20)
InstObjectID: varchar(15)
LocalityID: integer NOT NULL (FK)
VerbatimCollDate: varchar(30)
RecordDate: datetime NOT NULL

LocalityAnnotation

LocAnnotationID: serial NOT NULL
LocalityID: integer NOT NULL (FK)
AnnotatedByAgentID: integer NOT NULL (FK)
LocAnnotatedDate: datetime NOT NULL
LocAnnotation: varchar(255) NOT NULL

CheckoutHistory

AgentID: integer NOT NULL (FK)
CheckoutDate: datetime NOT NULL
QuadCriterion: varchar(255)
CountyCriterion: varchar(255)
StateCriterion: varchar(255)
GeogCriterion: varchar(255)

