

Table: public.last_update

Fields

Field Name	Type	Not Null	Unique	P/K	Def Val
update_id	integer	Not Null	Yes	Yes	nextval('last_update_update_id_seq'::regclass)
time_of_update	timestamp				('now'::text)::timestamp(0) without time zone
type_of_update	varchar(256)				

Indices

Index Name	On Field	Unique	Method	Function
last_update_pkey	update_id	Yes	btree	

Description

A table for displaying last updates

Table: public.PhotoUpload

Fields

Field Name	Type	Not Null	Unique	P/K	Def Val
PhotoID	integer	Not Null	Yes	Yes	nextval('glhri."PhotoUpload_PhotoID_seq"::regclass)
PROJECT_ID	integer	Not Null			
Description:	project to which this image is attached to				
CAPTION	text				
CREDIT	text				
PHOTO_URL	varchar(255)				
PhotoCopyright	boolean				false
Description:	Used to flag copyrighted images				
NAME	varchar(255)				
Description:	name of the image within the system				

Foreign Keys

Foreign Key Name	On Field	FK Table	FK Field	On Update	On Delete	Defer	Moment
PhotoUpload_fk	PROJECT_ID	public.tblProject	PROJECT_ID	No Action	No Action		

Indices

Index Name	On Field	Unique	Method	Function
PhotoUpload_pkey	PhotoID	Yes	btree	

Description

NERI-derived field used to capture images from the project

FORM: "Project Area Photos"

Table: public.tblAccessConstraintsLU

Fields

Field Name	Type	Not Null	Unique	P/K	Def Val
AccessConstraintLUID	integer	Not Null	Yes	Yes	
ConstraintType	varchar(80)				
ConstraintDesc	text				

Indices

Index Name	On Field	Unique	Method	Function
tblAccessConstraints_pkey	AccessConstraintLUID	Yes	btree	

Description

Table holding the access restrictions for a project which prescribes a level of approved dissemination

Table: public.tblCongressionalDistrict

Fields

Field Name	Type	Not Null	Unique	P/K	Def Val
CongressionalDistrictID	integer	Not Null	Yes	Yes	nextval('tblCongressionalDistrict_CongressionalDistrictID_seq'::regclass)
PROJECT_ID	integer	Not Null			
GeographyID	integer	Not Null			
state	integer				
Description:	State FIPS				
cd	integer				
Description:	Congressional district				
geo_id	integer				
Description:	FIPS + CD				

Foreign Keys

Foreign Key Name	On Field	FK Table	FK Field	On Update	On Delete	Defer	Moment
tblCongressionalDistrict_fk	PROJECT_ID	public.tblProject	PROJECT_ID	No Action	No Action		
tblCongressionalDistrict_fk1	GeographyID	public.tblProjectGeography	GeographyID	No Action	No Action		

Indices

Index Name	On Field	Unique	Method	Function
tblCongressionalDistrict_pkey	CongressionalDistrictID	Yes	btree	

Description

Table to hold automatically populated congressional district data for project area. Table uses standard Census Bureau naming conventions for field names.

FORM: AUTOMATICALLY POPULATED

Table: public.tblContactsAdmin

Fields

Field Name	Type	Not Null	Unique	P/K	Def Val
ContactID	integer	Not Null	Yes	Yes	nextval('glhri.tblContactsAdmin_ContactID_seq':regclass)
Password	varchar(255)	Not Null			
HasAccount	boolean				false
Description:	A flag which indicates whether a user within the system has an account or is just a reference to somebody				

Foreign Keys

Foreign Key Name	On Field	FK Table	FK Field	On Update	On Delete	Defer	Moment
tblContactsAdmin_fk	ContactID	public.tblContactsLU	ContactID	No Action	No Action		

Indices

Index Name	On Field	Unique	Method	Function
tblContactsAdmin_pkey	ContactID	Yes	btree	

Description

A table defining whether a user is an account holder within the system and if so is there a password

Table: public.tblContactsLU

Fields

Field Name	Type	Not Null	Unique	P/K	Def Val
ContactID	integer	Not Null	Yes	Yes	nextval('tblContactsLU_ContactID_seq'::regclass)
LastName	varchar(50)	Not Null			
FirstName	varchar(50)	Not Null			
Title	varchar(50)				
OrgID	integer	Not Null			0
WorkPhone	varchar(50)	Not Null			
WorkExt	varchar(50)				
Phone2	varchar(50)				
Cell	varchar(50)				
Fax	varchar(50)				
Email	varchar(50)	Not Null			
Address1	varchar(50)				
Address2	varchar(50)				
City	varchar(50)				
Zipcode	integer				0
OrgTypeID	integer				0
Description:	Specifies a users group which allows other users of the same group to edit a project				
Website	text				
CurrentInfo	boolean				
UpdateDate	timestamp				
Comments	text				
Confidential	boolean				false
StateID	integer				
Description:	key to state FIPS				
activated	boolean	Not Null			false
confirmhash	varchar(100)				

Foreign Keys

Foreign Key Name	On Field	FK Table	FK Field	On Update	On Delete	Defer	Moment
tblContactsLU_fk	StateID	public.tblStateLU	StateID	No Action	No Action		
tblContactsLU_fk1	StateID	public.tblStateLU	StateID	No Action	No Action		
tblContactsLU_fk2	OrgID	public.tblOrganizationLU	OrgID	No Action	No Action		

Indices

Index Name	On Field	Unique	Method	Function
tblContactsLU_ContactID	ContactID		btree	
tblContactsLU_OrgCategoryID	OrgTypeID		btree	
tblContactsLU_OrgID	OrgID		btree	
tblContactsLU_Zipcode	Zipcode		btree	
tblContactsLU_pkey	ContactID	Yes	btree	

Description

A pretty basic table used to store user information for point of contact information, user administration, etc

Table: public.tblCurrentLandUse

Fields

Field Name	Type	Not Null	Unique	P/K	Def Val
LandUseID	integer	Not Null	Yes	Yes	nextval('tblCurrentLandUse_LandUseID_seq'::regclass)
LandUse	varchar(255)				
Description:	MIRIS land use type				
LandUseDesc	text				
Description:	Textual description of MIRIS land use types				

Indices

Index Name	On Field	Unique	Method	Function
tblCurrentLandUse_pkey	LandUseID	Yes	btree	

Description

Lookup table to hold MIRIS-derived land use categories for project area.

FORM: CURRENT LAND USE

Table: public.tblFragmentationLU

Fields

Field Name	Type	Not Null	Unique	P/K	Def Val
FragLUID	integer	Not Null	Yes	Yes	nextval('tblFragmentationLU_FragID_seq'::regclass)
FragType	varchar(255)				
Description:	Habitat fragmentation type				
FragDesc	text				
Description:	Detailed description of a particular fragmentation				

Indices

Index Name	On Field	Unique	Method	Function
tblFragmentationLU_pkey	FragLUID	Yes	btree	

Description

USCOE-supplied habitat fragmentation breaks

Table: public.tblFunding

Fields

Field Name	Type	Not Null	Unique	P/K	Def Val
PROJECT_ID	integer	Not Null			0
EstimatedTotalCost	double precision				0
Description:	FORM: "Estimated Total Costs"				
FED_CASH	double precision				
NON_FED_CASH	double precision				
FED_IN_KIND	double precision				
NON_FED_IN_KIND	double precision				
FED_LAND	double precision				
NON_FED_LAND	double precision				
FED_MONITORING	double precision				
NON_FED_MONITORING	double precision				
FED_MONITORING_IN_KIND	double precision				
NON_FED_MONITORING_IN_KIND	double precision				
FundingID	integer	Not Null	Yes	Yes	nextval('tblFunding_FundingID_seq'::regclass)
FED_MAINTENANCE_CASH	double precision				
NON_FED_MAINTENANCE_CASH	double precision				
xOrgID	integer				
Description:	Placeholder to store monetary information related to individual project sponsors.				

Foreign Keys

Foreign Key Name	On Field	FK Table	FK Field	On Update	On Delete	Defer	Moment
tblFunding_fk	PROJECT_ID	public.tblProject	PROJECT_ID	No Action	No Action		

Indices

Index Name	On Field	Unique	Method	Function
tblFunding_ProjID	PROJECT_ID		btree	
tblFunding_pkey	FundingID	Yes	btree	

Description

NERI-like table containing those fields relating particularly to project's funding sources.

FORM: "Funding Breakdown"

Table: public.tblGoalLU

Fields

Field Name	Type	Not Null	Unique	P/K	Def Val
GoalLUID	integer	Not Null	Yes	Yes	nextval('tblGoalLU_GoalID_seq':regclass)
Goal	varchar(60)				
Comments	varchar(200)				
SortKey	integer				0
GoalCategory	varchar(255)				

Indices

Index Name	On Field	Unique	Method	Function
tblGoalLU_ProjGoalID	GoalLUID		btree	
tblGoalLU_SortKey	SortKey		btree	
tblGoalLU_pkey	GoalLUID	Yes	btree	

Description

Lookup table containing different ecological outcomes

Table: public.tblHabitat

Fields

Field Name	Type	Not Null	Unique	P/K	Def Val
HabitatID	integer	Not Null	Yes	Yes	nextval('tblHabitat_HabitatID_seq'::regclass)
PROJECT_ID	integer	Not Null			
GeographyID	integer	Not Null			
RestorationID	integer				
HabitatType	integer				
xAcresCreated	double precision				
Description:	Placeholder to store individual habitat type activities in support of tracking gains/losses/etc				
xAcresImproved	double precision				
Description:	Placeholder to store individual habitat type activities in support of tracking gains/losses/etc				
xAcresProtected	double precision				
Description:	Placeholder to store individual habitat type activities in support of tracking gains/losses/etc				
xAcresEnhanced	double precision				
Description:	Placeholder to store individual habitat type activities in support of tracking gains/losses/etc				
xRiverMilesImproved	double precision				
Description:	Placeholder to store individual habitat type activities in support of tracking gains/losses/etc				
xRiverMilesOpen	double precision				
Description:	Placeholder to store individual habitat type activities in support of tracking gains/losses/etc				
xRiverMilesProtected	double precision				
Description:	Placeholder to store individual habitat type activities in support of tracking gains/losses/etc				

Foreign Keys

Foreign Key Name	On Field	FK Table	FK Field	On Update	On Delete	Defer	Moment
tblHabitat_fk	PROJECT_ID	public.tblProject	PROJECT_ID	No Action	No Action		
tblHabitat_fk1	GeographyID	public.tblProjectGeography	GeographyID	No Action	No Action		
tblHabitat_fk2	HabitatType	public.tblHabitatTypeLU	HabitatLUID	No Action	No Action		

Indices

Index Name	On Field	Unique	Method	Function
tblHabitat_pkey	HabitatID	Yes	btree	

Description

Table to hold NERI (et al) derived habitat types for project areas. Table can be extended to support individual habitat tracking using acres/miles places.

FORM: "HABITAT TYPE"

Table: public.tblHabTypeLU

Fields

Field Name	Type	Not Null	Unique	P/K	Def Val
HabitatLUID	integer	Not Null	Yes	Yes	
SOURCE	varchar(50)				
HABITAT_TYPE	varchar(100)				
HABITAT_CATEGORY	varchar(50)				

Indices

Index Name	On Field	Unique	Method	Function
tblHabTypeLU2_pkey	HabitatLUID	Yes	btree	

Description

Lookup table to store NERI (et al) derived habitat types

Table: public.tblHucs

Fields

Field Name	Type	Not Null	Unique	P/K	Def Val
tblHucsID	integer	Not Null	Yes	Yes	nextval('tblHucs_tblHucsID_seq'::regclass)
PROJECT_ID	integer				
GeographyID	integer				
huc_code	integer				
huc_name	varchar(255)				
reg	integer				
sub	integer				

Foreign Keys

Foreign Key Name	On Field	FK Table	FK Field	On Update	On Delete	Defer	Moment
tblHucs_fk	PROJECT_ID	public.tblProject	PROJECT_ID	No Action	No Action		
tblHucs_fk1	GeographyID	public.tblProjectGeography	GeographyID	No Action	No Action		

Indices

Index Name	On Field	Unique	Method	Function
tblHucs_pkey	tblHucsID	Yes	btree	

Description

Table to hold automatically populated hydrologic unit code (HUC) data for project area. Table uses standard USGS naming conventions for field names.

FORM: AUTOMATICALLY POPULATED

Table: public.tblLandOwnership

Fields

Field Name	Type	Not Null	Unique	P/K	Def Val
LandOwnershipID	integer	Not Null	Yes	Yes	nextval('tblLandOwnership_LandOwnershipID_seq'::regclass)
PROJECT_ID	integer				
OwnershipID	integer				

Foreign Keys

Foreign Key Name	On Field	FK Table	FK Field	On Update	On Delete	Defer	Moment
tblLandOwnership_fk	LandOwnershipID	public.tblOrgTypeLU	OrgTypeID	No Action	No Action		

Indices

Index Name	On Field	Unique	Method	Function
tblLandOwnership_pkey	LandOwnershipID	Yes	btree	

Description

Table containing land ownership information, keyed to the project and organization type tables.

Table: public.tblLimitingFactor

Fields

Field Name	Type	Not Null	Unique	P/K	Def Val
LimitingFactorID	integer	Not Null	Yes	Yes	nextval('glhri.tblLimitingFactor_LimitingFactorID_seq'::regclass)
PROJECT_ID	integer	Not Null			
LimitingFactor	integer				

Foreign Keys

Foreign Key Name	On Field	FK Table	FK Field	On Update	On Delete	Defer	Moment
tblLimitingFactor_fk1	LimitingFactor	public.tblLimitingFactorLU	LimitingFactorLUID	No Action	No Action		

Indices

Index Name	On Field	Unique	Method	Function
tblLimitingFactor_pkey	LimitingFactorID	Yes	btree	

Description

Table containing limiting factors for the project, with keys back to the Project_ID and limitingfactor lookup table

Table: public.tblLimitingFactorLU

Fields

Field Name	Type	Not Null	Unique	P/K	Def Val
LimitingFactorLUID	integer	Not Null	Yes	Yes	nextval('tblLimitingFactorLU2_LmtFctrID_seq'::regclass)
LimitingFactor	varchar(75)				
LimitingCategory	varchar(75)				

Indices

Index Name	On Field	Unique	Method	Function
tblLimitingFactorLU2_LmtFctrID	LimitingFactorLUID		btree	
tblLimitingFactorLU2_pkey	LimitingFactorLUID	Yes	btree	

Description

Project area stressors lookup table

Table: public.tblModGoalLU

Fields

Field Name	Type	Not Null	Unique	P/K	Def Val
ModGoalsID	integer	Not Null	Yes	Yes	nextval('tblModGoalLU_ModGoalsID_seq'::regclass)
ModGoals	varchar(100)				

Indices

Index Name	On Field	Unique	Method	Function
tblModGoalLU_ModGoalsID	ModGoalsID		btree	
tblModGoalLU_pkey	ModGoalsID	Yes	btree	

Description

(none)

Table: public.tblMonitoring

Fields

Field Name	Type	Not Null	Unique	P/K	Def Val
PROJECT_ID	integer	Not Null			nextval('glhri."Monitoring_MonitoringID_seq"::regclass)
Description:	Primary key -> ProjectMonID				
MonitoringIncluded	boolean				
Description:	Does this project include monitoring? FORM: "Does this project include monitoring to gauge the success of restoration/protection efforts?"				
xMONITORING_END_DATE	date				
Description:	Placeholder to store NERI-derived monitoring end date				
xMONITORING_START_DATE	date				
Description:	Placeholder to store NERI-derived monitoring start date				
DETAILED_DESCRIPTION	text				
Description:	Notes and description of monitoring activities FORM: Monitoring Notes				
xMonitoringURL	varchar(255)				
Description:	Placeholder to store NERI-derived monitoring data URL				
MonitoringID	integer	Not Null	Yes	Yes	nextval('tblMonitoring_MonitoringID_seq'::regclass)

Foreign Keys

Foreign Key Name	On Field	FK Table	FK Field	On Update	On Delete	Defer	Moment
Monitoring_fkey	PROJECT_ID	public.tblProject	PROJECT_ID	No Action	No Action		

Indices

Index Name	On Field	Unique	Method	Function
Monitoring_pkey	MonitoringID	Yes	btree	

Description

A table containing those fields relating particularly to project's monitoring activities

Table: public.tblMonitoringActivities

Fields

Field Name	Type	Not Null	Unique	P/K	Def Val
MonitoringID	integer	Not Null			
MonitoringActivitiesID	integer	Not Null	Yes	Yes	nextval('tblMonitoringActivities_MonitoringActivitiesID_seq'::regclass)
Description:	Monitoring activities ID				
xMonitoringParameter	integer				
Description:	Placeholder to store NERI-derived monitoring parameters				
MonitoringCategory	integer				
Description:	Entity being monitored				

Foreign Keys

Foreign Key Name	On Field	FK Table	FK Field	On Update	On Delete	Defer	Moment
tblMonitoringActivities_fk	MonitoringID	public.tblMonitoring	MonitoringID	No Action	No Action		
tblMonitoringActivities_fk1	MonitoringCategory	public.tblMonitoringLU	MonitoringLUID	No Action	No Action		

Indices

Index Name	On Field	Unique	Method	Function
MonitoringActivities_pkey	MonitoringActivitiesID	Yes	btree	

Description

A table containing a monitoring activity for a given project. Is setup to support multiple types for each project.

FORM: "Monitoring Categories, Categories requiring monitoring."

Table: public.tblMonitoringFrequencyLU

Fields

Field Name	Type	Not Null	Unique	P/K	Def Val
MonitoringFreqID	integer	Not Null	Yes	Yes	nextval('tblMonitoringFrequencyLU_MonitoringFreqID_seq'::regclass)
MonitoringFreq	varchar(255)				

Indices

Index Name	On Field	Unique	Method	Function
tblMonitoringFrequencyLU_pkey	MonitoringFreqID	Yes	btree	

Description

A table to hold the frequency of monitoring activities at a project site.

Table: public.tblMonitoringLU

Fields

Field Name	Type	Not Null	Unique	P/K	Def Val
MonitoringLUID	integer	Not Null	Yes	Yes	nextval(("public"."tblmonitoringlu_monitoringlu_id_seq"::text)::regclass)
Parameter	varchar(80)				
Description	varchar(80)				

Indices

Index Name	On Field	Unique	Method	Function
tblMonitoringLU_pkey	MonitoringLUID	Yes	btree	

Description

NERI-derived monitoring LU items

Table: public.tblOrganizationLU

Fields

Field Name	Type	Not Null	Unique	P/K	Def Val
OrgID	integer	Not Null	Yes	Yes	nextval('tblOrganizationLU_OrgID_seq'::regclass)
OrgAbrev	varchar(50)				
OrgName	varchar(255)				
OrgTypeID	integer	Not Null			
OrgId	integer	Not Null			nextval('tblOrganizationLU_OrgId_seq'::regclass)

Foreign Keys

Foreign Key Name	On Field	FK Table	FK Field	On Update	On Delete	Defer	Moment
tblOrganizationLU_fk	OrgTypeID	public.tblOrgTypeLU	OrgTypeID	No Action	No Action		

Indices

Index Name	On Field	Unique	Method	Function
tblOrganizationLU_pkey	OrgID	Yes	btree	

Description

Look up table containing organization information (abbrev,name,id) for the different entities throughout the region. Support for user-defined orgs forthcoming.

Table: public.tblOrgTypeLU

Fields

Field Name	Type	Not Null	Unique	P/K	Def Val
OrgTypeID	integer	Not Null	Yes	Yes	nextval('tblOrgTypeLU_OrgTypeID_seq'::regclass)
OrgType	varchar(50)				

Indices

Index Name	On Field	Unique	Method	Function
tblOrgTypeLU_number	OrgTypeID		btree	
tblOrgTypeLU_pkey	OrgTypeID	Yes	btree	

Description

Lookup table describing the different organizational entities to be encountered in this project (ie federal, state, etc)

Table: public.tblProject

Fields

Field Name	Type	Not Null	Unique	P/K	Def Val
PROJECT_ID	integer	Not Null	Yes	Yes	nextval('tblProject_ProjID_seq'::regclass)
Description:	PROJECT_ID is the NERI-derived master key for the GLHI database. All tables can be referenced using this key.				
ProjectName	varchar(255)	Not Null			
Description:	Official title of the project FORM: "Title"				
ProjContactID	integer	Not Null			0
Description:	key to contacts table for point of contact FORM: "Project Point of Contact"				
ProposalDate	timestamp				
Description:	creation timestamp				
StatusID	integer	Not Null			
Description:	key to status table lookup FORM: "Project Status"				
Abstract	text	Not Null			
Description:	Raw text describing the project FORM: "Abstract"				
PrpsdFunctionGain	integer				0
ProjNotes	text				
Description:	Additional project notes FORM: "Additional Project Information"				
OriginalID	varchar(255)				
Description:	interal field used to link against existing projects being uploaded into db				
UpDate	timestamp				
Description:	last update timestamp				
UpDaterNameID	integer				0
Description:	key to contacts table linked to the person who last updated table				
ProjCompletenessID	integer				
Description:	Completeness of restoration				
MonitoringInfoID	integer				
Description:	key to main monitoring table				
FundingInfoID	integer				
Description:	Key to funding table				
GeographyID	integer				
Description:	key to main geography table				
AccessConstraintID	integer				
Description:	key to access constraint table FORM: "Access Constraints"				
ProjSignificanceID	integer				
Description:	key to significance table				
CreatedByID	integer	Not Null			

Description:	key to contact table, capturing owner of dataset					
ProjectDurationMonths	integer					
Description:	FORM: "Project Duration"					
USER_ENTERED	timestamp(0)					
USER_UPDATED	timestamp(0)					
ExternalProject	boolean					
Description:	FORM: "Relation to Existing Projects, Is this project part of a larger habitat protection or restoration plan or project?"					
ExternalProjectInfo	text					
Description:	FORM: "Relation to Existing Projects, If yes, please enter the name of the related project or plan."					
OrgRelevantRanking	text					
Description:	Field to capture internal ranking information. FORM: "Organizational Relevant Ranking"					
LegalAuthorityandCostShare	text					
Description:	Field to capture information on any legal considerations or local cost shares in place. FORM: "Legal Authority and Cost Share Agreements in Place"					
CompensatoryMitigation	boolean					
Description:	Field to capture whether the project is part of a compensatory mitigation plan or other legal action. FORM: "Compensatory Mitigation"					
ProjectStartDate	date					
Description:	Project start date FORM: "Project Timeline"					
ProjectEndDate	date					
Description:	Project end date FORM: "Project Timeline"					
RestorationID	integer					

Foreign Keys

Foreign Key Name	On Field	FK Table	FK Field	On Update	On Delete	Defer	Moment
tblProject_fk	GeographyID	public.tblProjectGeography	GeographyID	No Action	No Action		
tblProject_fk1	RestorationID	public.tblRestoration	RestorationID	No Action	No Action		
tblProject_fk3	ProjSignificanceID	public.tblProjectSignificance	ProjectSignificanceID	No Action	No Action		
tblProject_fk4	StatusID	public.tblStatusLU	StatusLUID	No Action	No Action		
tblProject_fk5	ProjCompletenessID	public.tblProjectCompletenessLU	ProjCompletenessID	No Action	No Action		
tblProject_fk6	AccessConstraintID	public.tblAccessConstraintsLU	AccessConstraintLUID	No Action	No Action		
test	CreatedByID	public.tblContactsLU	ContactID	No Action	No Action		

Indices

Index Name	On Field	Unique	Method	Function
tblProject_pkey	PROJECT_ID	Yes	btree	

Description

Main table for the GLHRI, all other tables are linked in some fashion to this in order to fully describe a project.

Table: public.tblProjectCompletenessLU

Fields

Field Name	Type	Not Null	Unique	P/K	Def Val
ProjCompletenessID	integer	Not Null	Yes	Yes	
ProjCompletenessDesc	varchar(80)				

Indices

Index Name	On Field	Unique	Method	Function
tblProjectCompletionLU_pkey	ProjCompletenessID	Yes	btree	

Description

A lookup table containing breaks defining different levels of project completeness

Table: public.tblProjectFundingSources

Fields

Field Name	Type	Not Null	Unique	P/K	Def Val
ProjectFundingSource	integer	Not Null	Yes	Yes	nextval('glhri."ProjectFundingSources_ProjectFundingSource_seq" '::regclass)
Description:	Project funding source				
OrgID	integer	Not Null			
Description:	Funding source organization ID				
FundingID	integer	Not Null			

Foreign Keys

Foreign Key Name	On Field	FK Table	FK Field	On Update	On Delete	Defer	Moment
ProjectFundingSources_fk1	OrgID	public.tblOrganizationLU	OrgID	No Action	No Action		
tblProjectFundingSources_fk	FundingID	public.tblFunding	FundingID	No Action	No Action		

Indices

Index Name	On Field	Unique	Method	Function
ProjectFundingSources_pkey	ProjectFundingSource	Yes	btree	

Description

Table describing the funding source/sponsorship for a particular project.
 FORM: "Project Sponsorship"

Table: public.tblProjectGeography

Fields

Field Name	Type	Not Null	Unique	P/K	Def Val
GeographyID	integer	Not Null	Yes	Yes	nextval('tblProjectGeography_GeographyID_seq'::regclass)
PROJECT_ID	integer	Not Null			
Description:	key				
ProjectRealEstateID	integer				
Description:	Key to real estate table				
ProjectOwnershipEasementID	integer				
Description:	Key to organization info table				
ProjectLandCoverID	integer				
Description:	key to land cover class table				
ProjectX	double precision				
Description:	Project centroid lat/lon				
ProjectY	double precision				
Description:	Project centroid lat/lon				
ConservationBlueprint	boolean				
Description:	Is contained within TNC's conservation blueprint				
ProjectFragmentationID	integer				
Description:	key to habitat fragmentation field FORM: "Habitat Connectivity/Fragmentation"				
xSpatialTypeID	integer				
Description:	Placeholder to store Spatial Type ID (which would be all type polygon for GLHI data)				
LocalityDescription	text				
Description:	Brief user-supplied overview of project geography FORM: "Brief Locality Description"				
xUSGS_TOPO_QUAD	varchar(50)				
Description:	Placeholder to store USGS topo quad sheet				
xGIS_Identifier	varchar(80)				
Description:	Reference to name within external geodatabase - overrides shapefile reference				
ProjectLandUseID	integer				
Description:	key to land use table				
ProjectAcreage	double precision				
Description:	FORM: "Estimated total acreage restored/created, enhanced/improved, or protected."				
the_geom	public.geometry				
Description:	POSTGIS field to store hexadecimal geometry value. FORM: "Geographic Extent of Project Area"				
RareUniqueSpeciesHabitatPresent	boolean				
Description:	FORM: "Does project area include land and/or water inhabited by rare, unique, or protected habitat/species?"				

Foreign Keys

Foreign Key Name	On Field	FK Table	FK Field	On Update	On Delete	Defer	Moment
ProjectGeography_fk2	ProjectFragmentationID	public.tblFragmentationLU	FragLUID	No Action	No Action		

ProjectGeography_fk6	xSpatialTypeID	public.tblSpatialTypeLU	SpatialTypeID	No Action	No Action		
tblProjectGeography_fk1	ProjectLandUseID	public.tblCurrentLandUse	LandUseID	No Action	No Action		

Indices

Index Name	On Field	Unique	Method	Function
tblProjectGeography_pkey	GeographyID	Yes	btree	

Description

A table containing those fields relating particularly to project's geography

Table: public.tblProjectModificationsLU

Fields

Field Name	Type	Not Null	Unique	P/K	Def Val
ProjModLUID	integer	Not Null	Yes		nextval('tblProjectModificationsLU_ProjModLUID_seq'::regclass)
ProjModLUDesc	text				

Indices

Index Name	On Field	Unique	Method	Function
tblProjectModificationsLU_pkey	ProjModLUID	Yes	btree	

Description

Lookup for table modifications

Table: public.tblProjectRecordModifications

Fields

Field Name	Type	Not Null	Unique	P/K	Def Val
ProjRecModID	integer	Not Null			nextval('tblProjectRecordModifications_ProjRecModID_seq'::regclass)
PROJECT_ID	integer				
ProjRecModDesc	text				
Description:	text to describe project modification				
CreatedBy	integer				

Description

A table holding modifications to the database.

Table: public.tblProjectSignificance

Fields

Field Name	Type	Not Null	Unique	P/K	Def Val
ProjectSignificanceID	integer	Not Null	Yes	Yes	nextval('ProjectSignificance_ProjectSignificance_seq'::regclass)
ProjectID	integer	Not Null			
SignificanceID	integer	Not Null			

Foreign Keys

Foreign Key Name	On Field	FK Table	FK Field	On Update	On Delete	Defer	Moment
ProjectSignificance_fk	SignificanceID	public.tblProjectSignificanceLU	ProjectSignificanceLUID	No Action	No Action		
tblProjectSignificance_fk	ProjectID	public.tblProject	PROJECT_ID	No Action	No Action		

Indices

Index Name	On Field	Unique	Method	Function
ProjectSignificance_pkey	ProjectSignificanceID	Yes	btree	

Description

A table describing the project's significance to the Great Lakes Regional Collaboration Strategy

FORM: "Relevancy to Great Lakes Regional Collaboration Strategy"

Table: public.tblProjectSignificanceLU

Fields

Field Name	Type	Not Null	Unique	P/K	Def Val
ProjectSignificanceLUID	integer	Not Null	Yes	Yes	nextval('tblGLRCLU_glrc_goalID_seq'::regclass)
ProjectSignificanceGoal	varchar(255)				
ProjectSignificanceDesc	text				
Program	varchar(80)				

Indices

Index Name	On Field	Unique	Method	Function
tblProjectSignificance_pkey	ProjectSignificanceLUID	Yes	btree	

Description

Lookup table for the Great Lakes Regional Collaboration Strategy goals

Table: public.tblProjectTypeLU

Fields

Field Name	Type	Not Null	Unique	P/K	Def Val
ProjectTypeLUID	integer	Not Null	Yes	Yes	nextval('tblProjTypeLU2_TypeID_seq'::regclass)
TypeName	varchar(80)				
TypeDesc	text				

Indices

Index Name	On Field	Unique	Method	Function
tblProjectType_pkey	ProjectTypeLUID	Yes	btree	

Description

Restoration project type using CEQ definitions

Table: public.tblProjGoal

Fields

Field Name	Type	Not Null	Unique	P/K	Def Val
PROJECT_ID	integer	Not Null			
GoalID	integer				
xGoalMet	boolean				
Description:	Placeholder for tracking progress towards restoration goals				
ModGoalID	integer				0
Comments	text				
ProjGoalID	integer	Not Null	Yes	Yes	

Foreign Keys

Foreign Key Name	On Field	FK Table	FK Field	On Update	On Delete	Defer	Moment
tblProjGoal_GoalID_fkey	GoalID	public.tblGoalLU	GoalLUID	Cascade	Cascade		

Indices

Index Name	On Field	Unique	Method	Function
tblProjGoal_ModGoalID	ModGoalID		btree	
tblProjGoal_pkey	ProjGoalID	Yes	btree	

Description

Table containing a projects anticipated ecological outcomes

FORM: "Anticipated Ecological Outcomes"

Table: public.tblProjReport

Fields

Field Name	Type	Not Null	Unique	P/K	Def Val
ProjReportID	integer	Not Null	Yes	Yes	nextval('glhri.tblProjReport_ProjReportID_seq'::regclass)
PROJECT_ID	integer				
ProjReportName	varchar(255)				
ProjReportDate	date				
ProjOrgID	integer				
ProjReportURL	varchar(255)				
ProjReportComments	text				
ProjFinalReport	boolean				false

Indices

Index Name	On Field	Unique	Method	Function
tblProjReport_pkey	ProjReportID	Yes	btree	

Description

Placeholder table for project report information

Table: public.tblRealEstate

Fields

Field Name	Type	Not Null	Unique	P/K	Def Val
RealEstateID	integer	Not Null	Yes	Yes	nextval('tblRealEstate_RealEstateID_seq'::regclass)
PROJECT_ID	integer	Not Null			nextval('tblRealEstate_PROJECT_ID_seq'::regclass)
GeographyID	integer				
RealEstateInterest	integer				
Description:	Field to capture real estate interests within project area. FORM: "Real estate interest"				

Foreign Keys

Foreign Key Name	On Field	FK Table	FK Field	On Update	On Delete	Defer	Moment
tblRealEstate_fk	GeographyID	public.tblProjectGeography	GeographyID	No Action	No Action		
tblRealEstate_fk1	RealEstateInterest	public.tblOrganizationLU	OrgID	No Action	No Action		
tblRealEstate_fk2	PROJECT_ID	public.tblProject	PROJECT_ID	No Action	No Action		

Indices

Index Name	On Field	Unique	Method	Function
tblRealEstate_pkey	RealEstateID	Yes	btree	

Description

Table to capture real estate interests within project area.

Table: public.tblRestoration

Fields

Field Name	Type	Not Null	Unique	P/K	Def Val
RestorationID	integer	Not Null	Yes	Yes	nextval('tblRestoration_RestorationID_seq'::regclass)
PROJECT_ID	integer	Not Null			0
BeginDate	date				
ProposedEndDate	date				
DateProjCmplt	date				
ProjTypeID	integer				0
Description:	Field to capture primary function of project FORM: "Project Type"				
HabTypeRestored	integer				0
AcresCreated	double precision				0
AcresImproved	double precision				0
AcresProtected	double precision				0
AcresEnhanced	double precision				0
RiverMilesImproved	double precision				0
RiverMilesOpen	double precision				0
RiverMilesProtected	double precision				0
ThreatsID	integer				
ProjGoalID	integer		Yes		
ProjLimitingFactorID	integer		Yes		
ProjRestoreTreatmentID	integer				
RareUniqueSpecies	boolean				
Description:	FORM: "Is this project designed to benefit rare, unique, or protected species"				
RareUniqueHabitat	boolean				
Description:	FORM: "Is this project designed to benefit rare, unique, or protected habitats"				

Foreign Keys

Foreign Key Name	On Field	FK Table	FK Field	On Update	On Delete	Defer	Moment
tblRestoration_fk	PROJECT_ID	public.tblProject	PROJECT_ID	No Action	No Action		
tblRestoration_fk1	ProjTypeID	public.tblProjectTypeLU	ProjectTypeID	No Action	No Action		
tblRestoration_fk2	ProjGoalID	public.tblProjectGoal	ProjGoalID	No Action	No Action		
tblRestoration_fk3	ProjLimitingFactorID	public.tblLimitingFactor	LimitingFactorID	No Action	No Action		
tblRestoration_fk4	ProjLimitingFactorID	public.tblRestoreTreatment	RstrFctrID	No Action	No Action		
tblRestoration_fk5	ThreatsID	public.tblThreats	ThreatID	No Action	No Action		

Indices

Index Name	On Field	Unique	Method	Function
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tblRestoration_ProjGoal_key	ProjGoalID	Yes	btree	
tblRestoration_ProjLimitingFactor_key	ProjLimitingFactorID	Yes	btree	
tblRestoration_pkey	RestorationID	Yes	btree	

Description

A table containing those fields relating particularly to project's restoration activities

Table: public.tblRestoreTreatLU

Fields

Field Name	Type	Not Null	Unique	P/K	Def Val
TreatmentLUID	integer	Not Null	Yes	Yes	nextval('tblRestoreTreatLU_TreatmentID_seq'::regclass)
Treatment	varchar(255)				
SortKey	varchar(255)				
SortKeyID	integer				0

Indices

Index Name	On Field	Unique	Method	Function
tblRestoreTreatLU_SortKeyCode	SortKeyID		btree	
tblRestoreTreatLU_TreatmentID1	TreatmentLUID		btree	
tblRestoreTreatLU_pkey	TreatmentLUID	Yes	btree	

Description

Project area related mitigation techniques lookup table

Table: public.tblRestoreTreatment

Fields

Field Name	Type	Not Null	Unique	P/K	Def Val
RstrFctrID	integer	Not Null	Yes	Yes	nextval('glhri.tblRestoreTreatment_RstrFctrID_seq'::regclass)
PROJECT_ID	integer	Not Null			
LimitingFactorID	integer				

Foreign Keys

Foreign Key Name	On Field	FK Table	FK Field	On Update	On Delete	Defer	Moment
tblRestoreTreatment_fk	LimitingFactorID	public.tblRestoreTreatment	TreatmentLUID	No Action	No Action		

Indices

Index Name	On Field	Unique	Method	Function
tblRestoreTreatment_pkey	RstrFctrID	Yes	btree	

Description

Table containing mitigation techniques for the project, with keys back to the Project_ID and restoretreatment lookup table

FORM: "Mitigation Techniques and Measures"

Table: public.tblSoils

Fields

Field Name	Type	Not Null	Unique	P/K	Def Val
SoilsID	integer	Not Null	Yes	Yes	nextval('tblSoils_SoilsID_seq'::regclass)
PROJECT_ID	integer	Not Null			
GeographyID	integer	Not Null			
MUNAME	varchar(256)				
Description:	Mapunit Name: Correlated name of the mapunit (recommended name or field name for surveys in progress).				
MUSYM	varchar(6)				
Description:	Mapunit Symbol: The symbol used to uniquely identify the soil mapunit in the soil survey.				
MUKEY	integer				
Description:	Mapunit Key: A non-connotative string of characters used to uniquely identify a record in the Mapunit table.				
HYDCLPRS	varchar(256)				
Description:	An indication of the proportion of the map unit, expressed as a class, that is 'hydric', based on the hydric classification of individual mapunit components.				

Foreign Keys

Foreign Key Name	On Field	FK Table	FK Field	On Update	On Delete	Defer	Moment
tblSoils_fk	PROJECT_ID	public.tblProject	PROJECT_ID	No Action	No Action		

Indices

Index Name	On Field	Unique	Method	Function
tblSoils_pkey	SoilsID	Yes	btree	

Description

Table to hold automatically populated SSURGO data for each project area. Table uses standard NRCS naming conventions for field names.

FORM: AUTOMATICALLY POPULATED

Table: public.tblSpatialTypeLU

Fields

Field Name	Type	Not Null	Unique	P/K	Def Val
SpatialTypeID	integer	Not Null	Yes	Yes	nextval('tblSpatialTypeLU_SpatialTypeID_seq'::regclass)
SpatialType	varchar(80)				

Indices

Index Name	On Field	Unique	Method	Function
tblSpatialTypeLU_SpatialTypeID	SpatialTypeID		btree	
tblSpatialTypeLU_pkey	SpatialTypeID	Yes	btree	

Description

For now, a field to describe the project geography type. Will likely get superceded by a PostGIS description.

Table: public.tblStateCounty

Fields

Field Name	Type	Not Null	Unique	P/K	Def Val
tblStateCountyID	integer	Not Null	Yes	Yes	nextval('tblStateCounty_tblStateCountyID_seq'::regclass)
PROJECT_ID	integer	Not Null			
GeographyID	integer	Not Null			
stateID	integer				
stateName	varchar(255)				
countyID	integer				
countyName	varchar(255)				

Foreign Keys

Foreign Key Name	On Field	FK Table	FK Field	On Update	On Delete	Defer	Moment
tblStateCounty_fk	PROJECT_ID	public.tblProject	PROJECT_ID	No Action	No Action		
tblStateCounty_fk1	GeographyID	public.tblProjectGeography	GeographyID	No Action	No Action	Yes	Immediate

Indices

Index Name	On Field	Unique	Method	Function
tblStateCounty_pkey	tblStateCountyID	Yes	btree	

Description

Table to hold automatically populated state and county data for project area. Table uses standard Census Bureau naming conventions for field names.

Table: public.tblStatusLU

Fields

Field Name	Type	Not Null	Unique	P/K	Def Val
StatusLUID	integer	Not Null	Yes	Yes	nextval('tblStat usLU2_StatusID_ seq'::regclass)
Status	varchar(60)				
Description:	NERI-supplied project status				
StatusDescription	text				
Description:	NERI-supplied project status description				
sort_order	integer				nextval('tblStat usLU_sort_order_ seq'::regclass)

Indices

Index Name	On Field	Unique	Method	Function
tblStatusLU2_StatusID1	StatusLUID		btree	
tblStatusLU2_pkey	StatusLUID	Yes	btree	

Description

(none)

Table: public.tblTableChanges

Fields

Field Name	Type	Not Null	Unique	P/K	Def Val
SeqID	integer	Not Null		Yes	nextval('tblTableChanges_SeqID_seq'::regclass)
TableName	varchar(50)	Not Null		Yes	
ProjID	integer	Not Null		Yes	
FieldName	varchar(50)				
OldValue	varchar(100)				
ChangeDate	timestamp				
CreatedByID	integer				

Indices

Index Name	On Field	Unique	Method	Function
tblTableChanges_pkey	SeqID, TableName, ProjID	Yes	btree	

Description

Placeholder table for table changes

Table: public.tblThreats

Fields

Field Name	Type	Not Null	Unique	P/K	Def Val
ThreatID	integer	Not Null	Yes	Yes	nextval('glhri.tblThreats_ThreatID_seq'::regclass)
ThreatTypeID	integer		Yes		
PROJECT_ID	integer	Not Null			

Foreign Keys

Foreign Key Name	On Field	FK Table	FK Field	On Update	On Delete	Defer	Moment
tblThreats_fk	ThreatTypeID	public.tblThreatsLU	ThreatLUID	No Action	No Action		
tblThreats_fk1	PROJECT_ID	public.tblProject	PROJECT_ID	No Action	No Action		

Indices

Index Name	On Field	Unique	Method	Function
tblThreats_ThreatTypeID_key	ThreatTypeID	Yes	btree	
tblThreats_pkey1	ThreatID	Yes	btree	

Description

Table containing threats related to project area. Types derived from IUCN - CMP Threat Definitions.

FORM: "Ecological Stressors/Threats Affecting Area"

Table: public.tblThreatsGroupsLU

Fields

Field Name	Type	Not Null	Unique	P/K	Def Val
ThreatGroupID	integer	Not Null	Yes	Yes	nextval('tblThreatsGroupsLU_ThreatGroupID_seq'::regclass)
ThreatGroupType	text				
ThreatGroupDef	text				

Indices

Index Name	On Field	Unique	Method	Function
tblThreatsGroupsLU_pkey	ThreatGroupID	Yes	btree	

Description

Lookup table containing IUCN - CMP Threat Group Definitions.

Table: public.tblThreatsLU

Fields

Field Name	Type	Not Null	Unique	P/K	Def Val
ThreatLUID	integer	Not Null	Yes	Yes	nextval('tblThreatsLU2_ThreatID_seq'::regclass)
ThreatName	varchar(255)				
GroupName	varchar(255)				

Indices

Index Name	On Field	Unique	Method	Function
tblThreatsLU2_pkey	ThreatLUID	Yes	btree	

Description

LSC Stressors