



GeoPlanner for ArcGIS

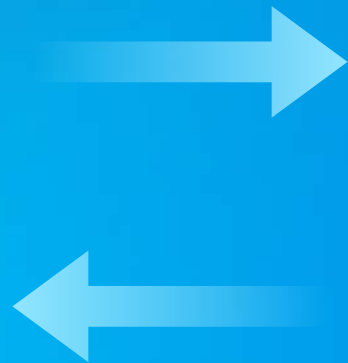
Configuring for Use in Your Organization

Robert Stauder / Joe Liao



Knowledge Workers

e.g. Planners



GIS Specialists



GIS Specialists





GeoPlanner Template

A GeoPlanner Template

Defined by specific tags



Owner



Feature Service

Tag: *geodesignTemplateFeatureService*



Web Map

Tag: *geodesignTemplateWebMap*






A GeoPlanner Template

Defined by specific tags



Home Gallery Map Scene Groups My Content My Organization

UC 2015 Configuration Demo Theater Template

 EDIT  INVITE USERS  MEMBERSHIP REQUESTS  DELETE GROUP  SHARE


UC 2015 Configuration Demo Theater Template GROUP ▾

Group Content


All Results


- Maps
- Layers
- Scenes
- Apps
- Tools
- Files

Show ArcGIS Desktop Content




Open ▾ Details

LandUseTypes
UC 2015 Configuration Demo Theater Template Feature Lay
 Feature Layer by rstauderPub@trial
Last Modified: July 19, 2015
☆☆☆☆☆ (0 ratings, 0 comments, 1 view)



Open ▾ Details

UC 2015 Configuration Demo Theater Web Map
 Web Map by rstauderPub@trial
Last Modified: July 19, 2015
☆☆☆☆☆ (0 ratings, 0 comments, 0 views)

A GeoPlanner Template

Defined by specific tags



Owner



Feature Service

Tag: *geodesignTemplateFeatureService*



Web Map

Tag: *geodesignTemplateWebMap*

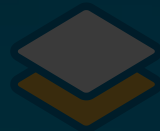
A GeoPlanner Template is a special GeoPlanner project through specific tags



Owner



(Dashboard config.)



Feature Service

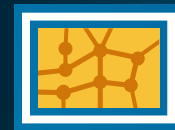


(Reference Layers)



Web Map

Tag: *geodesignTemplateWebMap*



Project Extent



Basemap

A GeoPlanner Template

Defined by specific tags



Owner



Feature Service

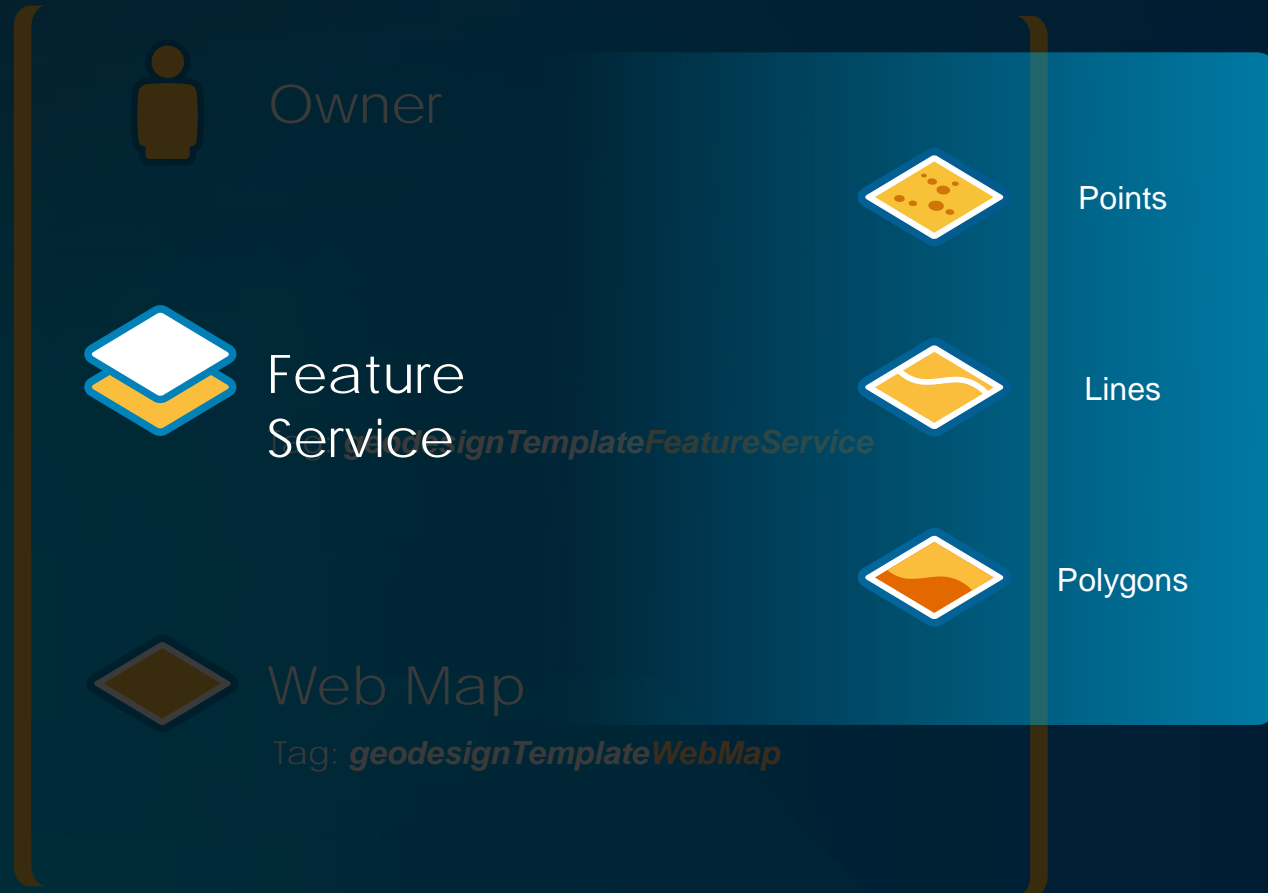
Tag: *geodesignTemplateFeatureService*



Web Map

Tag: *geodesignTemplateWebMap*

A GeoPlanner Template is a special GeoPlanner project through specific tags





Feature Service

Required Schema

Required fields for template feature layers

Map Fields: LandUseTypes x

Current Layer: LandUseTypes

Visible	Read Only	Field Name	Alias	Data Type	Allow NULL	Highlight	Number Format	Domain	Default	Length
<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	OBJECTID	OBJECTID	Object ID	<input type="checkbox"/>	<input type="checkbox"/>	Numeric			
<input checked="" type="checkbox"/>	<input type="checkbox"/>	Shape	Shape	Geometry	<input checked="" type="checkbox"/>	<input type="checkbox"/>				
<input checked="" type="checkbox"/>	<input type="checkbox"/>	Land_Use_Cat	Land_Use_Cat	Text	<input checked="" type="checkbox"/>	<input type="checkbox"/>				50
<input checked="" type="checkbox"/>	<input type="checkbox"/>	Geodesign_ScenarioID	Geodesign_ScenarioID	Text	<input checked="" type="checkbox"/>	<input type="checkbox"/>				50
<input checked="" type="checkbox"/>	<input type="checkbox"/>	Geodesign_ProjectID	Geodesign_ProjectID	Text	<input checked="" type="checkbox"/>	<input type="checkbox"/>				50
<input checked="" type="checkbox"/>	<input type="checkbox"/>	LUTYPE	LUTYPE	Text	<input checked="" type="checkbox"/>	<input type="checkbox"/>				50
<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	Shape_Length	Shape_Length	Double	<input checked="" type="checkbox"/>	<input type="checkbox"/>	Numeric			
<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	Shape_Area	Shape_Area	Double	<input checked="" type="checkbox"/>	<input type="checkbox"/>	Numeric			
<input checked="" type="checkbox"/>	<input type="checkbox"/>	FAR	FAR	Double	<input checked="" type="checkbox"/>	<input type="checkbox"/>	Numeric			

Click here to add a new field.

Must be exact

A GeoPlanner Template

Defined by specific tags



Owner



Feature Service

Tag: *geodesignTemplateFeatureService*



Web Map

Tag: *geodesignTemplateWebMap*

A GeoPlanner project

Duplicates a template and grow from there...



Owner



(Teammates)



Feature Service
or Design Layers



(Attachments)



Web Map



(Reference Layers)
or Operational Layers



GeoPlanner Project 1

.....



GeoPlanner Project n



GeoPlanner Template





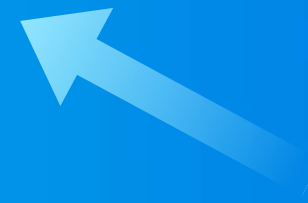
ArcGIS Pro



ArcMap 10.3.1



GeoPlanner Template



AGOL Map Viewer

DEMO

1. Use your own symbols and attributes
2. Include your authoritative layers
3. Set default values on attributes



Create Project - Select a Template



My Content


My Organization

All

owner:GeoPlannerAdmin

Relevance Title Owner Date


GeoPlanner Template for Land Use Planning



Project Template by [GeoPlannerAdmin](#)
Created: April 21, 2014
Sample GeoPlanner Template for Land Use Planning

Select Preview Details


GeoPlanner Template for Military Mobility



Project Template by [GeoPlannerAdmin](#)
Created: April 21, 2014
GeoPlanner Template for Military Mobility

Select Preview Details


GeoPlanner Template for Public Safety



Project Template by [GeoPlannerAdmin](#)
Created: April 21, 2014
GeoPlanner Template for Public Safety

Select Preview Details

GeoPlanner Template for Special Event Planning



Project Template by [GeoPlannerAdmin](#)
Created: April 21, 2014
GeoPlanner Template for Special Event Planning

Select Preview Details

Cancel

Preview Symbol Palette



GeoPlanner Template for Land Use Planning

Point of Interest



Civic Center



Fire Station



Hospital



Library



Museum



Police Station



Religious Center



School



Transit Station



Transit Stop

Transportation



Arterial



Ferry



Freeway



Highway



Path



Rail - Freight Passenger



Rail - Light



Rail - Metro



Rail - Overhead



Rail - Subway



Street



Toll Road

Select

Cancel

My Groups

 [CREATE A GROUP](#)

Show

You are a member of 2 groups

All My Groups

Owned by Me

Owned by Others

With New Membership Requests



[Details](#)

Downtown Land Use

created by rstauderPub@trial on July 1, 2015



[Details](#)

My GeoPlanner Group

created by rstauder_trial on September 18, 2014



Tags:

geodesignTemplate × *Add tag(s)*

Status:

- Private (Users cannot find this group and can join by invitation only.)
- Organization (Users within your organization can search for and find this group.)
- Public (Users can search for and find this group.)
- Users can apply to join group

Save Map



Title:

Downtown Types

Tags:

geodesignTemplateWebMap ✕

| *Add tag(s)*

Summary:

Description of the map.

Save in folder:

rstauderPub@trial



SAVE MAP

CANCEL

Details Add ▾ Basemap

Save ▾ Share Print | Directions Measure Bookmarks

San Diego, California, United States X Q

About Content Legend

Contents

Dark Gray Canvas



Share



Choose who can view this map.

Your map is currently shared with these people.

Everyone (public)

geoplanner-arcuser

Members of these groups:

Downtown Land Use

My GeoPlanner Group

Link to this map



Facebook



Twitter

Share current map extent

Embed this map

EMBED IN WEBSITE

MAKE A WEB APPLICATION

Note: To embed your map, you must share it with Everyone.

DONE

Map Fields: LandUseTypes x

Current Layer: LandUseTypes

	<input checked="" type="checkbox"/> Visible	<input checked="" type="checkbox"/> Read Only	Field Name	Alias	Data Type	<input checked="" type="checkbox"/> Allow NULL	<input type="checkbox"/> Highlight	Number Format	Domain	Default	Length
	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	OBJECTID	OBJECTID	Object ID	<input type="checkbox"/>	<input type="checkbox"/>	Numeric			
	<input checked="" type="checkbox"/>	<input type="checkbox"/>	Shape	Shape	Geometry	<input checked="" type="checkbox"/>	<input type="checkbox"/>				
	<input checked="" type="checkbox"/>	<input type="checkbox"/>	Land_Use_Cat	Land_Use_Cat	Text	<input checked="" type="checkbox"/>	<input type="checkbox"/>				50
	<input checked="" type="checkbox"/>	<input type="checkbox"/>	Geodesign_ScenarioID	Geodesign_ScenarioID	Text	<input checked="" type="checkbox"/>	<input type="checkbox"/>				50
	<input checked="" type="checkbox"/>	<input type="checkbox"/>	Geodesign_ProjectID	Geodesign_ProjectID	Text	<input checked="" type="checkbox"/>	<input type="checkbox"/>				50
	<input checked="" type="checkbox"/>	<input type="checkbox"/>	LUTYPE	LUTYPE	Text	<input checked="" type="checkbox"/>	<input type="checkbox"/>				50
	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	Shape_Length	Shape_Length	Double	<input checked="" type="checkbox"/>	<input type="checkbox"/>	Numeric			
	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	Shape_Area	Shape_Area	Double	<input checked="" type="checkbox"/>	<input type="checkbox"/>	Numeric			
	<input checked="" type="checkbox"/>	<input type="checkbox"/>	FAR	FAR	Double	<input checked="" type="checkbox"/>	<input type="checkbox"/>	Numeric			

Click here to add a new field.

ArcGIS Pro - Configuring GeoPlanner Demo Theater - Map

PROJECT MAP INSERT ANALYSIS VIEW EDIT SHARE APPEARANCE LABELING DATA

Clipboard Navigate Layer Selection Inquiry Labeling

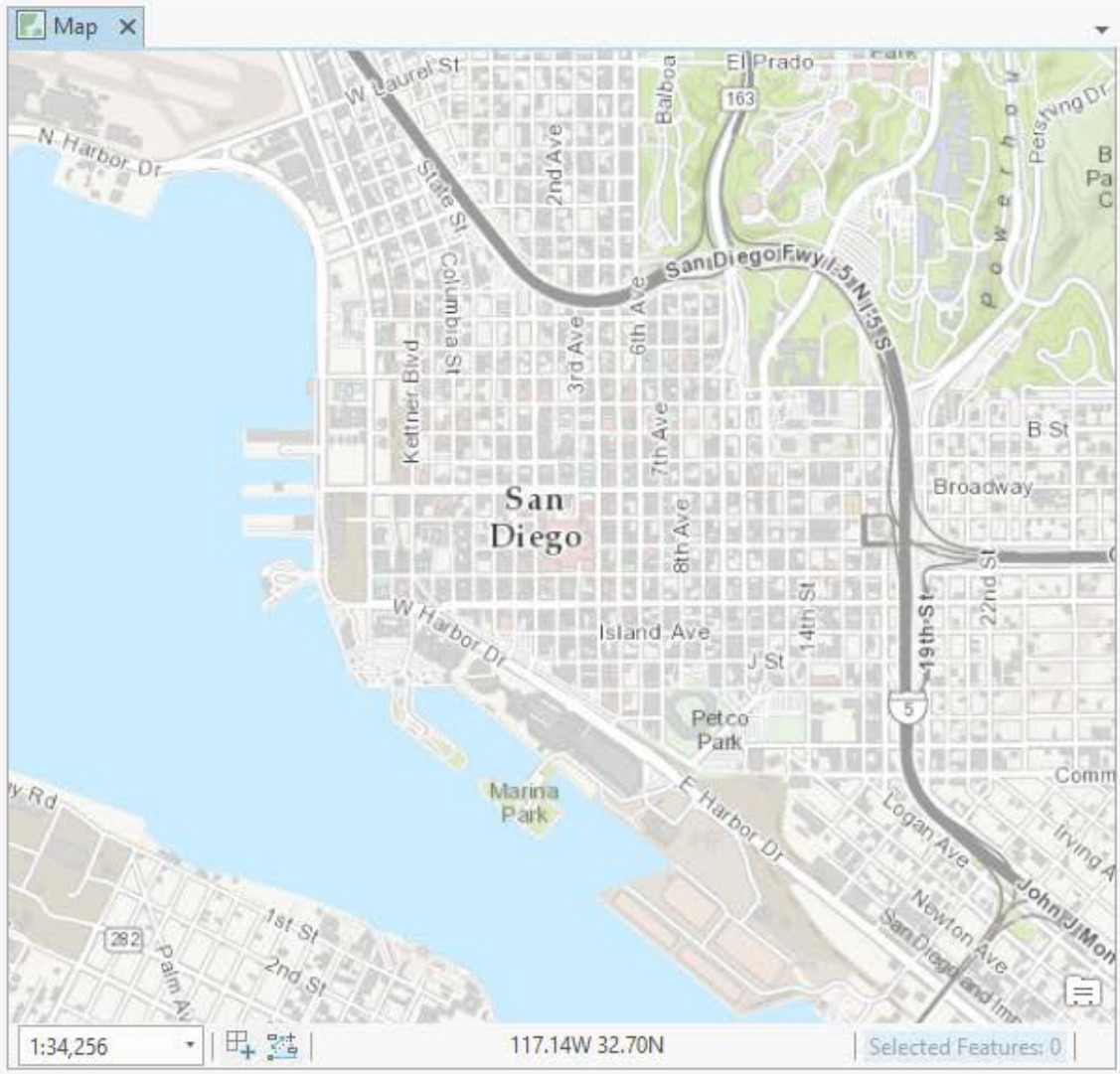
Explore Bookmarks Basemap Add Data Add Preset Select Select By Attributes Select By Location Attributes Clear Infographics Measure Locate Pause View Unplaced More

Contents

Search

Drawing Order

- Map
 - LandUseTypes
 - LUTYPE
 - Core
 - Neigh_MU
 - Emp_Res_MU
 - Ballpark_MU
 - Public-Civic
 - Res_Emphasis
 - Industrial
 - Convention
 - Mixed_Comm
 - Waterfront
 - Transportation
 - Park_Open
 - PDO
 - Topographic



Share Web Layer

Sharing selected layer as a web layer

General | Configuration | Content

Layer type

- Features
- Tiles

Item Description

Summary:

UC 2015 Configuration Demo Theater

Tags:

geodesignTemplateFeatureService

Sharing Options

- My Content
- geoplanner-arcuser
- Everyone
- Groups
 - UC 2015 Conservation Easement Demo Theater
 - Wellville Water Treatment Plan
 - UC 2015 Configuration Demo Theater
 - My GeoPlanner Group

Preview Symbol Palette



Downtown Land Use

LandUses



Ballpark_MU



Convention



Core



Emp_Res_MU



Industrial



Mixed_Comm



Neigh_MU



PDO



Park_Open



Public-Civic



Res_Emphasis



Transportation



Waterfront

Select

Cancel

About Content Legend

Contents

- DowntownTypes
- Dark Gray Canvas



Properties



Edit the properties of the feature type template

Name:

Description:

Drawing Tool:



Specify the values for the feature type template

Land_Use_Cat

Geodesign_ScenarioID

Geodesign_ProjectID

LUTYPE

Res_Emphasis

Floor Area Ratio

DONE

CANCEL

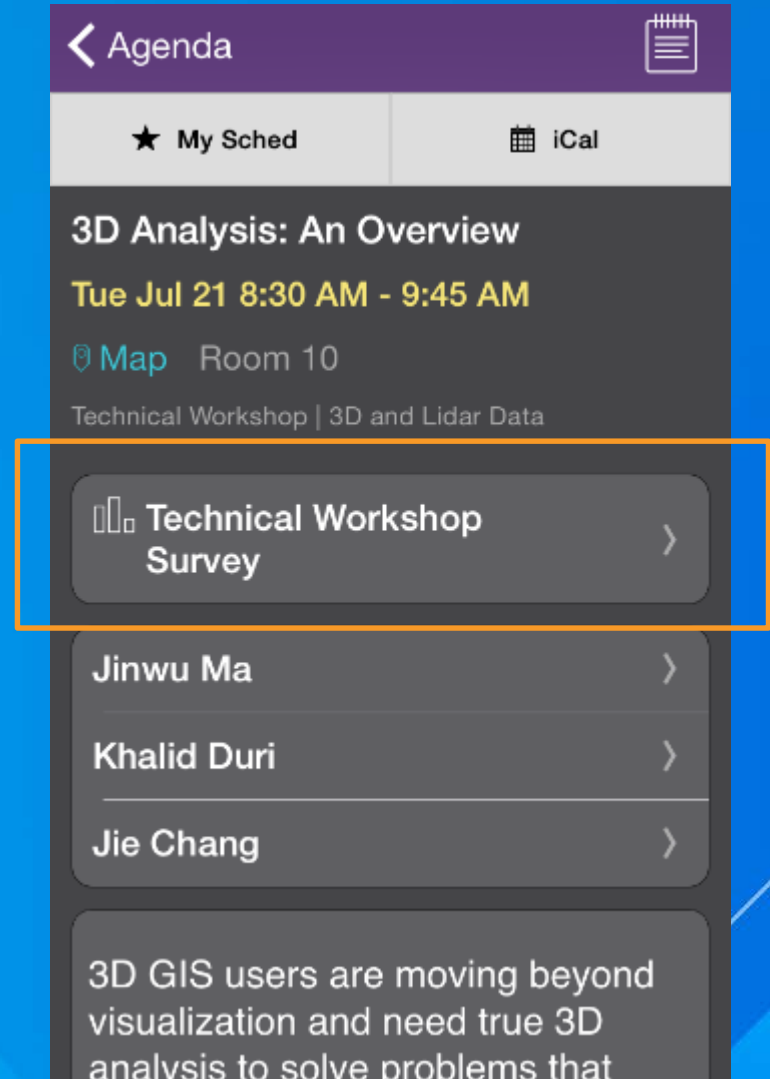


<http://esri.com/try-geoplanner>

Available Now

Thank you...

- Please fill out the session survey in your mobile app
- Select
[GeoPlanner for ArcGIS – Configuring for your organization]
in the Mobile App
 - Use the Search Feature to quickly find this title
- Click “Technical Workshop Survey”
- Answer a few short questions and enter any comments



Want to learn more?

- **Documentation**

- [GeoPlanner Product page](#)
- [GeoPlanner Getting Started](#)

- **Related Esri UC Events**

- Wednesday, July 22:

- *GeoPlanner for ArcGIS: An Overview (Ballroom 06 A, Technical Workshop, 1:30 PM- 2:45 PM)*
- *Bring Geodesign into Your Business (Implementation Center, Demo Theater Presentation, 4:30 PM- 5:15 PM)*

- Thursday, July 23:

- *Geodesign for Conservation Easement Prioritization (Demo Theater 1 – Non-Profit, 11:30 AM- 12:15 PM)*

Want to learn more?

Interested in learning more about Geodesign and Esri technology? Check out these sessions:

- **Geodesign for Smart City Planning**
- **Working with 3D Analyst and CityEngine**
- **Geodesign and Sustainable Development**
- **Geodesign Education, Big Data, and Assessment**
- **Balancing Long Range Development Needs and Risk Using a Geodesign Approach**
- **Geodesign and Immersive 3D Modeling**
- **Make sure to stop by these sessions. Stop by the 3D, Conservation, and Apps Islands in the showcase area to learn, ask questions, and meet some of our team members.**



Understanding our world.