



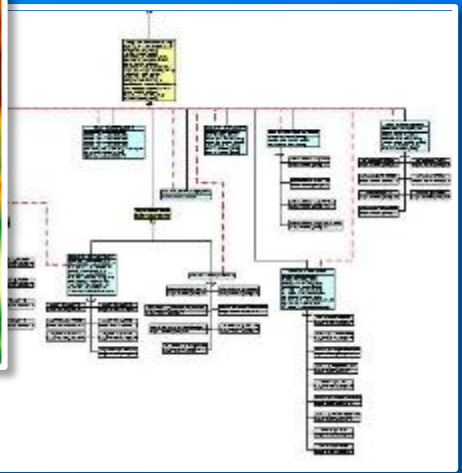
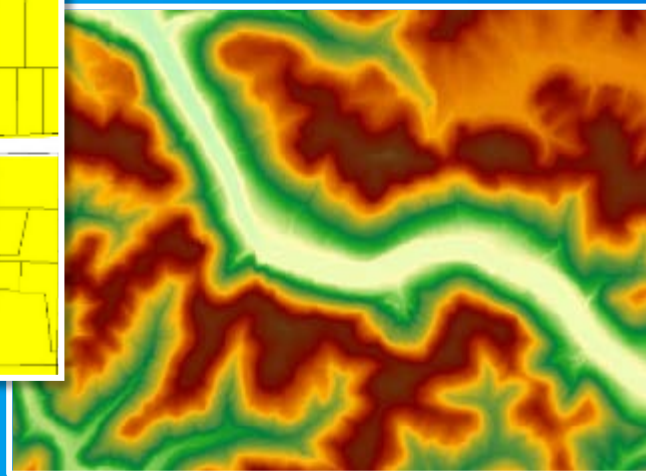
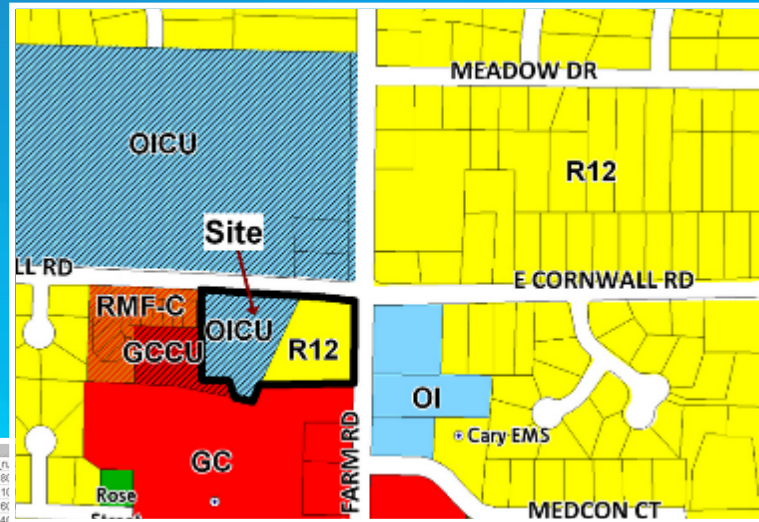
# Using Living Atlas 3D Layer

Brian Sims

**Why 3D?**

# Why 3D?

## Traditionally we manage our GIS like this...



	A	B	C	D	E	F
1 Region	1990_total	1990_urban	1990_rural	1990_%_urban	1990_%_r	
2 UNITED STATES	248,709,873	187,053,487	61,656,386	75.20%	24.80%	
3 Northeast Region	50,809,229	40,091,737	10,717,492	78.90%	21.10%	
4 New England Division	13,206,943	9,829,175	3,377,768	74.40%	25.60%	
5 Maine	1,227,928	547,824	680,104	44.60%	55.40%	
6 New Hampshire	1,109,252	565,670	543,582	51.00%	49.00%	920,610 480,325
7 Vermont	562,758	181,149	381,609	32.20%	67.80%	511,456 172,735
8 Massachusetts	6,016,425	5,069,603	946,822	84.30%	15.70%	5,737,093 4,808,339
9 Rhode Island	1,003,484	863,381	140,083	86.00%	14.00%	947,154 824,004
10 Connecticut	3,287,116	2,601,548	685,568	79.10%	20.90%	3,107,584 2,449,774
11 Middle Atlantic Division	37,602,286	30,262,562	7,339,724	80.50%	19.50%	36,787,896 29,636,296
12 New York	17,990,455	15,194,047	2,826,408	84.30%	15.70%	17,558,185 14,858,068
13 New Jersey	7,730,188	6,910,220	819,968	89.40%	10.60%	7,365,011 6,557,377
14 Pennsylvania	11,881,643	8,188,295	3,693,348	68.90%	31.10%	11,864,720 8,220,851
15 Midwest Region	59,668,632	42,774,196	16,894,436	71.70%	28.30%	58,866,998 41,519,748
16 East North Central Division	42,008,942	31,073,858	10,935,084	74.00%	26.00%	41,682,908 30,533,879
17 Ohio	10,847,115	8,039,409	2,807,706	74.10%	25.90%	10,797,603 7,918,259
18 Indiana	5,544,159	3,598,099	1,946,060	64.90%	35.10%	5,490,210 3,525,298
19 Illinois	11,430,602	8,668,552	2,762,050	75.80%	24.20%	11,427,409 8,518,039
20 Michigan	9,295,297	6,555,942	2,739,355	70.50%	29.50%	9,262,044 6,551,851
21 Wisconsin	4,891,769	3,211,956	1,679,813	65.70%	34.30%	4,705,642 3,020,732
22 West North Central Division	17,659,690	11,700,338	5,959,352	66.30%	33.70%	17,184,090 10,985,887
23 Minnesota	4,375,099	3,056,474	1,318,625	69.90%	30.10%	4,075,970 2,725,202
24 Iowa	2,776,755	1,883,065	1,093,690	68.00%	32.00%	2,913,808 1,708,232

Why 3D?

Yet our world looks like this



## Why 3D?

**Across all industries ArcGIS users are going 3D to:**

- Visualize within the context of the real world
- Present with more realism and remove interpretation
- Communicate with non-technical audiences
- **Drive more informed decisions faster**



# Living Atlas of the World

# Using + Extending the Living Atlas

Ready-to-Use Content from Esri

## Curated collection of the best in ArcGIS Online

Discover

Use

The screenshot shows the 'Living Atlas of the World' website. At the top, a globe is partially visible. Below it, the text 'Living Atlas of the World' is displayed. To the right, a laptop screen shows a 'Gallery' of featured maps from the Living Atlas. Below the main content area, there are four categories: Landscape, Story Maps, Transportation, and Urban Systems. Each category has a circular icon and a brief description.

**Living Atlas of the World**

**Featured Maps from the Living Atlas**

- Landscape**  
Data that reflects both natural environment and man-made influences to support land use planning and management.
- Story Maps**  
A collection of maps that include narrative text, images, and multimedia content to engage and inspire your audience.
- Transportation**  
A collection of maps and layers that reveal how people move between places.
- Urban Systems**  
Over half the world's population now lives in cities, and these layers allow analysis of the impact this is having on the world.

The background features a vibrant blue gradient. On the left side, there are several overlapping geometric shapes: a large purple triangle pointing upwards, a yellow triangle pointing downwards, and a dark purple triangle pointing downwards. These shapes are layered, with the yellow one appearing to be in front of the purple ones. The overall aesthetic is modern and abstract.

**Demo**



# Using + Extending the Living Atlas

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Discover

Use

Nominate

Contribute

The screenshot shows the 'Living Atlas of the World' website. At the top, a globe is partially visible with the text 'Living Atlas of the World'. Below this, there are two device screens: a tablet displaying a map and a laptop displaying a gallery of featured maps. The gallery includes various map thumbnails with titles like 'USA Topography', 'USA Population', and 'USA Land Use'. Below the screens, there are four main categories in a horizontal row: 'Landscape', 'Story Maps', 'Transportation', and 'Urban Systems'. Each category has a blue circular icon and a brief description. 'Landscape' features a mountain icon and describes data for land use planning. 'Story Maps' features a map icon and describes narrative content. 'Transportation' features an 'A' icon and describes maps showing movement. 'Urban Systems' features a city icon and describes population analysis. Navigation arrows are visible on the left and right sides of the category row.

Living Atlas of the World

Featured Maps from the Living Atlas

**Landscape**  
Data that reflects both natural environment and man-made influences to support land use planning and management.

**Story Maps**  
A collection of maps that include narrative text, images, and multimedia content to engage and inspire your audience.

**Transportation**  
A collection of maps and layers that reveal how people move between places.

**Urban Systems**  
Over half the world's population now lives in cities, and these layers allow analysis of the impact this is having on the world.

## Wrap Up:

- Go 3D for more informed and faster decision making
- Discover and use the Living Atlas
- Nominate and Contribute to the Living Atlas

# Thank You

## Questions?



Understanding our world.