



Which option should CSA choose as our official mascot?

Elephant



Frog



Alligator





COLLEGE OF ATMOSPHERIC AND GEOGRAPHIC SCIENCES
CENTER FOR SPATIAL ANALYSIS
The UNIVERSITY of OKLAHOMA



COLLEGE OF ATMOSPHERIC AND GEOGRAPHIC SCIENCES **THE CENTER FOR SPATIAL ANALYSIS** THE UNIVERSITY OF OKLAHOMA

Key Projects and Services

MEET THE TEAM



Chengbin Deng, PhD.
Director



Todd Fagin, PhD.
Exec. Assoc. Director



Leah Nash
Assoc. Director Admin. and Fin.



Doug Stiehler
GIS Project Manager



Kirk Eby
System Admin.



Candace Johnston
GIS Project Developer



Daniela Spade,
Application and Outreach



Kelby Thomasson,
GIS Technical Lead



Zak Gipson,
GIS Analyst



Jacob Tillotson,
GIS Analyst

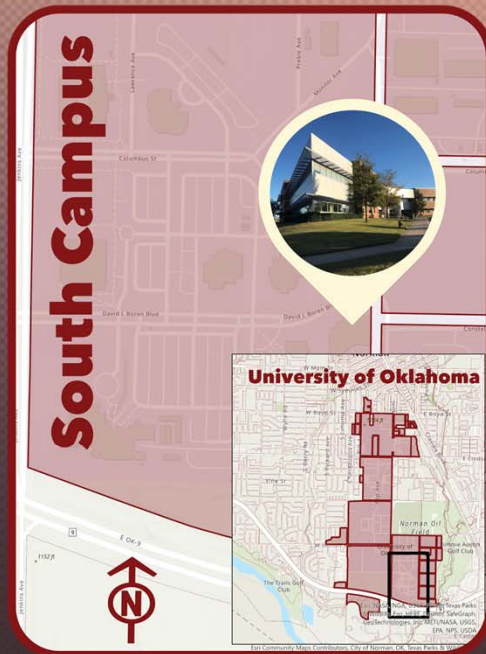


Jim Anderson,
GIS Architect and Analyst



David Doshier,
GIS Intern

CSA'S WORKING UNITS



KEY PROJECTS

**STATE ELECTION
BOARD**

**OKLAHOMA TAX
COMMISSION**

**OKLAHOMA WATER
RESOURCES BOARD**

**CHEROKEE NATION ELECTION
COMMISSION**

**OKLAHOMA DEPT OF
AGRICULTURE, FOOD
AND FORESTRY**

**OKLAHOMA BOLL WEEVIL
ERADICATION ORGANIZATION**

**KANSAS BOLL WEEVIL
PROGRAM**

OID	FLAG	MUNI CO	MUNI S	SEG ID	PRECINCT	DIR	STREET NAM	TYPE	SIDE	LOW N	HIGH N	PO	CITY	ZIP	CO	SD CODE	SD SUB	MUNICIPAL	SYSDATE	TECH CODE	TECH SUB	NO VOTERS	ACTION	REASON	CEB XREF	GO	
3313 R2M		77850		39005905	730207	SE	11	PL	B	000500	000599		WAGONER	74667/73	01973			WAGO	20220409	4			1	KEEP	ORIGINAL		
538 R2M		77850		30028848	730206	NE	11	ST	B	000100	000499		WAGONER	74667/73	01973			WAGO	20220409	4			3	KEEP	ORIGINAL		
680 R2M		77850		30028283	730206	NE	11	ST	B	000500	001499		WAGONER	74667/73	01973			WAGO	20220409	4			25	KEEP	ORIGINAL		
272 R2M		77850		19600731	730206	NW	11	ST	B	000100	001499		WAGONER	74667/73	01973			WAGO	20220409	4			5	KEEP	ORIGINAL		
246 R2M		77850		19600730	730207	SE	11	ST	B	000100	001599		WAGONER	74667/73	01973			WAGO	20220409	4			48	KEEP	ORIGINAL		
152 R2M		77850		19600529	730206	SW	11	ST	B	000100	001599		WAGONER	74667/73	01973			WAGO	20220409	4			7	KEEP	ORIGINAL		
3059 R2M		99999		30000315	730102	E	11	PL S	B	028600	028899		CATOOSA	74015/73	00266			NONE	20220409	18	02		7	KEEP	ORIGINAL		
461 R2M		75000 06		19620907	730101	E	11	ST S	B	019300	020099		TULSA	74108/73	001272	04		TULS	20220409	18	02		4	KEEP	ORIGINAL		
833 R2M		75000 06		38011718	730101	E	11	ST S	B	020100	021299		CATOOSA	74015/73	00266			TULS	20220409	18	02		3	KEEP	ORIGINAL		
834 R2M		75000 06		38011719	730101	E	11	ST S	E	021300	021698		CATOOSA	74015/73	00266			TULS	20220409	18	02		0	KEEP	ORIGINAL		
835 R2M		99999		38011720	730101	E	11	ST S	O	021301	021699		CATOOSA	74015/73	00266			NONE	20220409	18	02		0	KEEP	ORIGINAL		
7040 R2M		75000 06		75021700	730101	E	11	ST S	O	021700	022499		CATOOSA	74015/73	00266			TULS	20220409	4			0	KEEP	ORIGINAL		
1214 R2M		25000		38012514	730102	E	11	ST S	B	027300	028099		CATOOSA	74015/73	00266			FAOK	20220409	18	02		0	KEEP	ORIGINAL		
963 R2M		99999		38012515	730102	E	11	ST S	E	028100	028178		CATOOSA	74015/73	00266			NONE	20220409	18	02		2	KEEP	ORIGINAL		
954 R2M		25000		38012516	730102	E	11	ST S	O	028101	028179		CATOOSA	74015/73	00266			FAOK	20220409	18	02		3	KEEP	ORIGINAL		
1036 R2M		25000		38012517	730102	E	11	ST S	B	028180	028190		CATOOSA	74015/73	00266			FAOK	20220409	18	02		0	KEEP	ORIGINAL		
1037 R2M		99999		38012518	730102	E	11	ST S	E	028200	028398		CATOOSA	74015/73	00266			NONE	20220409	18	02		5	KEEP	ORIGINAL		
870 R2M		25000		38012519	730102	E	11	ST S	S	028300	028399		CATOOSA	74015/73	00266			FAOK	20220409	18	02		0	KEEP	ORIGINAL		
1638 R2M		99999		38011568	730208	E	11	N	ST	B	005000	005499	WAGONER	74667/73	00173			NONE	20220409	4			4	KEEP	ORIGINAL		
1376 R2M		99999		38011593	730204	W	11	N	ST	B	004301	004581	WAGONER	74667/73	001973			NONE	20220409	4			0	KEEP	ORIGINAL		
1409 R2M		17850		60022406	730203	E	11	N	BL S	R	027500	027600	COWETA	74128/73	000172	05		COWET	20220409	18	06		2	KEEP	ORIGINAL		

R_SCHOOL	R_CODE	R_CATECH	PREFDRSRV	NAME	SUFTYARRV	SUFDRARRV	CFCC	COUNTYL	COUNTYR	CERFERDPR	CERFERNAME	CERFERTYPE	CERID000	CERDEVEN	CER_PCTL	CER_PCTR	CERFERDRP1	CERFERNAME1	CERFERTYPE1	CERID0001	CERDEVEN1	CERFERDRP2	CERFERNAME2	CERFERTYPE2
Tulsa	00172	10	E	11th	SR			145	145	E	11 SR S		19620907	19620907	730101	730101								
Tulsa	00172	10	E	11th	SR			145	145	E	11 SR S		19620907	19620907	730101	730101								
Tulsa	00172	10	E	11th	SR			145	145	E	11 SR S		19620907	19620907	730101	730101								
Tulsa	00172	10	E	11th	SR			145	145	E	11 SR S		19620907	19620907	730101	730101								
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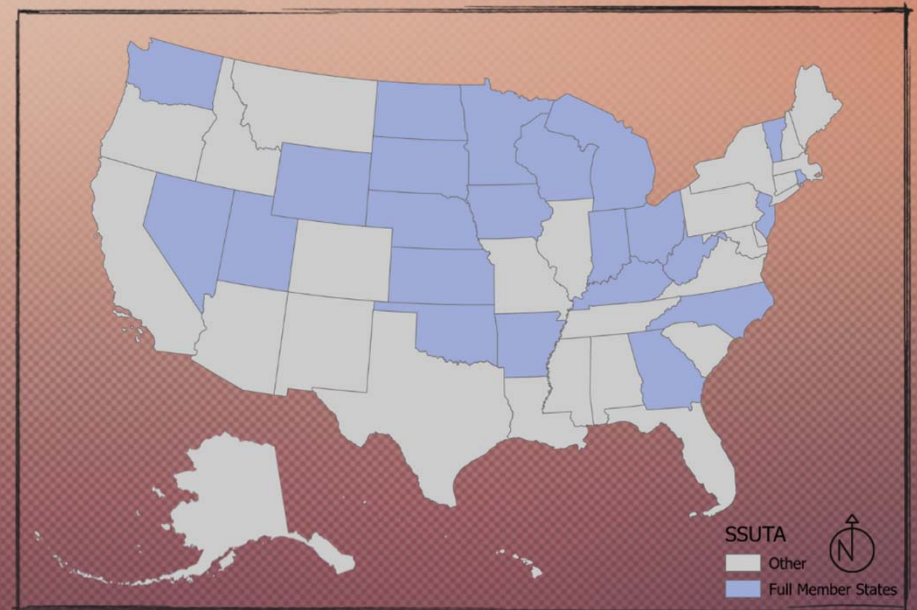
5 out of 22494 Selected

Sources: Esri, HERE, Garmin, Intermap, increment P Corp., GEBCO, USGS, FAO, NPS, NRCAN, GeoBase, IGN, Kadaster NL, Ordnance Survey, Esri Japan, METI, Esri China (Hong Kong), (c) OpenStreetMap contributors, and the GIS User Community

STREAMLINED SALES TAX INITIATIVE

- Oklahoma participating member of Streamlined Sales and Use Tax Agreement (SSUTA)
 - SSUTA's goal is to reduce burden of tax compliance on the public
 - SSUTA protects local businesses by assuring tax compliance from large remote sellers
- For Oklahoma, SSUTA operationalized with standardized guidance on database format and analysis practices associating every delivery address with its corresponding, fair, and appropriate sales/use tax rate.
- 2023 marks CSA's 20th year in partnership with the OTC providing for and maintaining the technology

SSUTA Member States

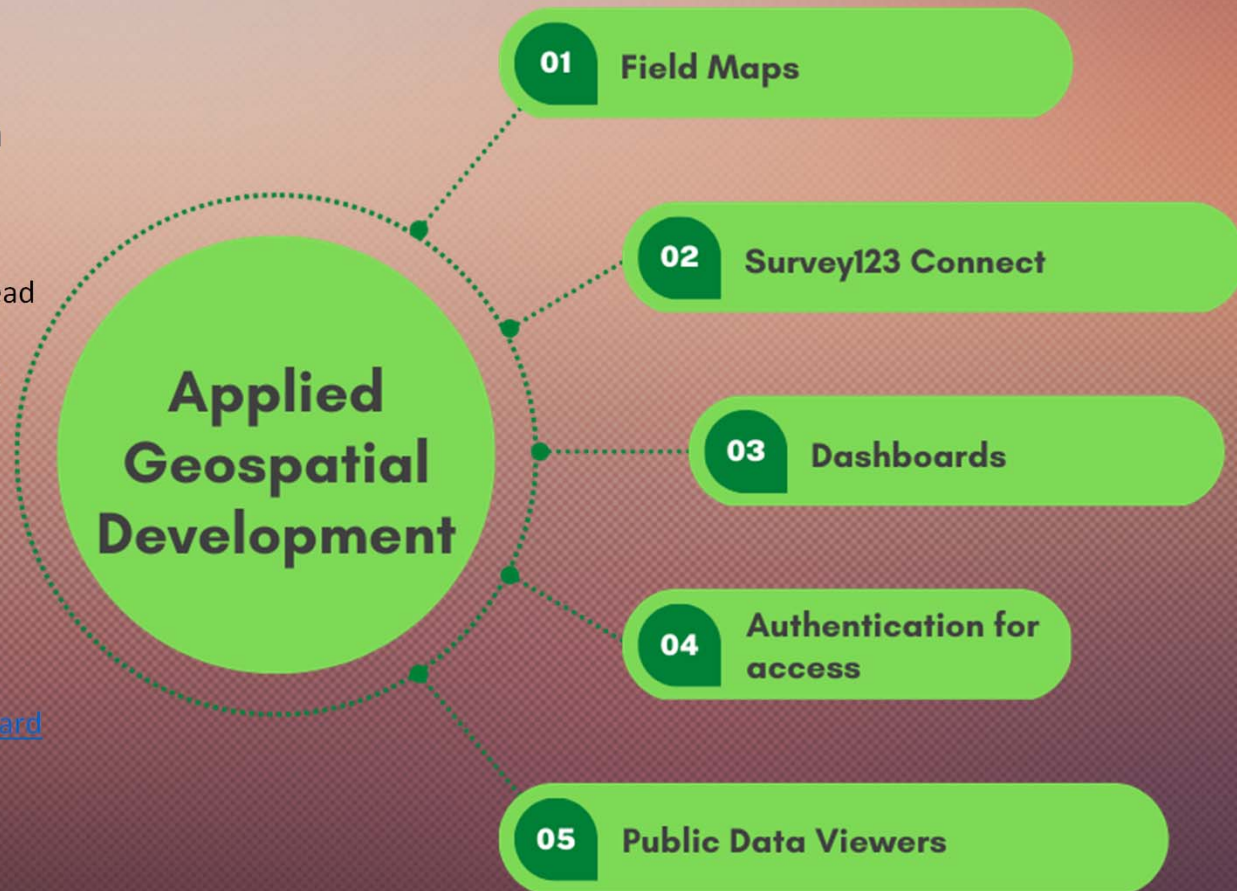


CSA'S WORK WITH THE OTC

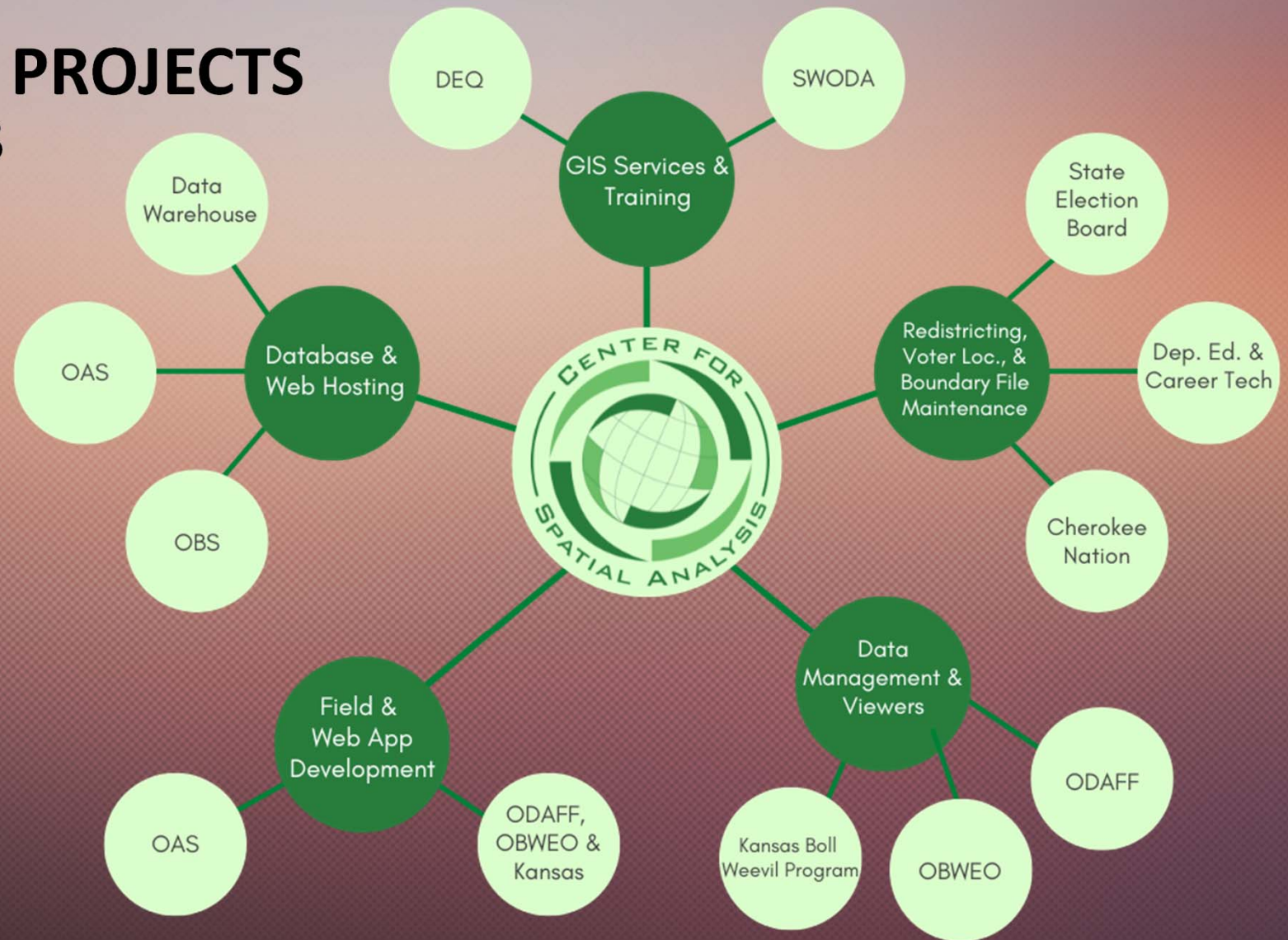
- **Maintenance and Development of a database associating USPS address-ranges with their sales-taxable jurisdictions (City, County) for Oklahoma.**
 - While the overall goal is simple, in execution CSA applies large amounts of interpretive labor facilitating these associations, especially where automated comparison and mapping cannot resolve special cases on-the-ground.
- Maintenance of an authoritative spatial dataset depicting city limits in Oklahoma.
- Maintenance and Development of a companion website to the database, allowing the Public to research tax rates at delivery addresses.
 - https://taxproject.csa.ou.edu/Rate_Locator
- Production and Delivery of corresponding *Streamlined Sales Tax and Use Agreement (SSTUA)*-mandated files for distribution to *Certified Service Providers* (mostly accounting firms) and The Public.

OKLAHOMA DEPT. AGRICULTURE, FOOD, FORESTRY

- Members of CAPS pest detection program
 - ODAFF collects field data for pest monitoring
 - Detect pests before become widespread
 - Track established pests
 - Pre-CSA, spreadsheets used for trap location and status
- CSA provides field application expertise
 - Field Maps
 - [Survey123](#)
- Web application expertise
 - Award winning IFA dashboard [dashboard](#)
 - [Authentication](#) for access to public Survey123
 - [Public Data Viewer](#)



OTHER CSA PROJECTS AND SERVICES





Learning & Collaboration



Interdisciplinary

Public Understanding



My Visions for CSA



**A Renowned Center that
supports Oklahoma**



Solve Real-World Problems



External Partnerships and Collaborations



Academic Collaborators



Communities



Stakeholders



Outreach; Activities



Social Media for Digital Marketing

A horizontal bar at the bottom of the slide, divided into four colored segments: teal, brown, grey, and red.

THANK YOU! PS – FOLLOW OUR SOCIALS!



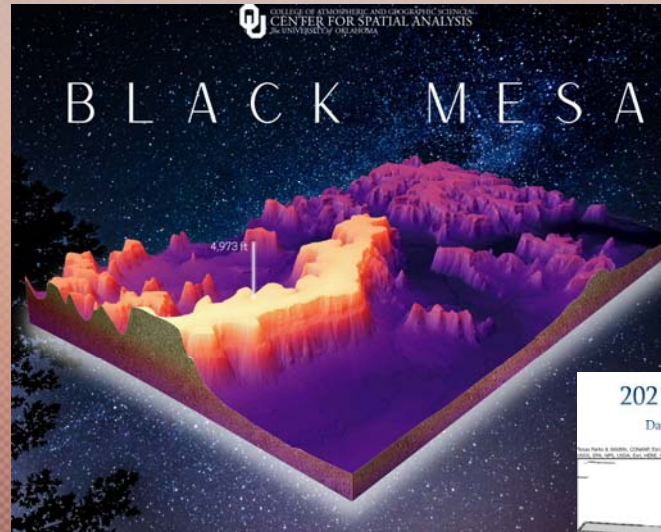
GEOSPATIAL_OU



OU_CENTER
FOR SPATIAL
ANALYSIS



CENTER FOR
SPATIAL
ANALYSIS



Puerto Rico Trench

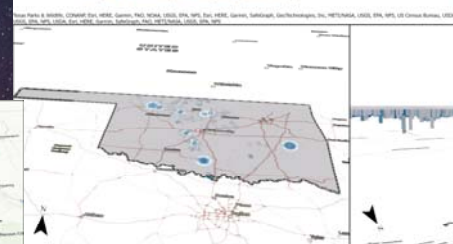


The Faroe Islands



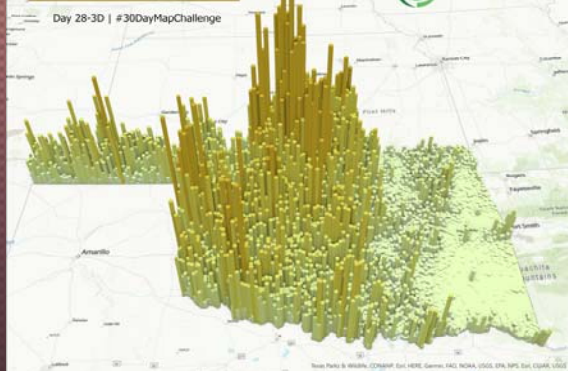
2021 Earthquakes in Oklahoma: Depth

Day 30-Remix | #30DayMapChallenge



Wheat Cropland

Day 28-3D | #30DayMapChallenge



Musicians from Oklahoma

