

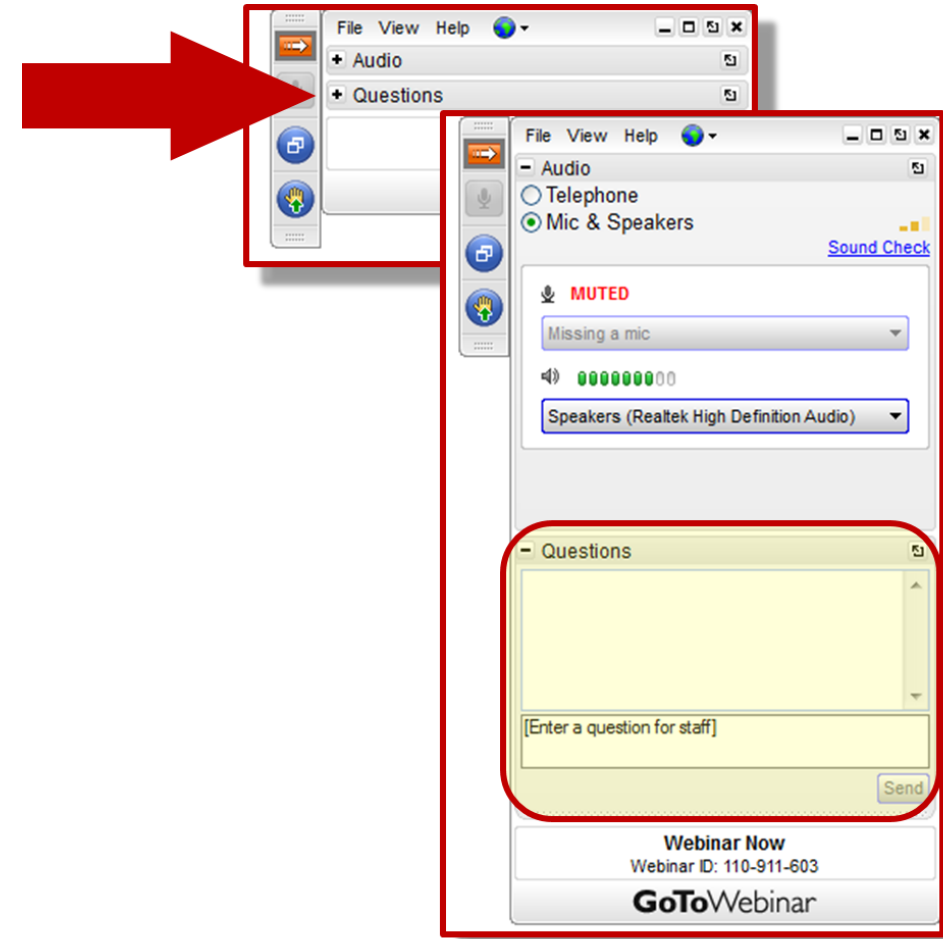
State Safety Office Geographic Information System

Web-Based GIS Application for Crash Data

Florida Department of Transportation
State Safety Office

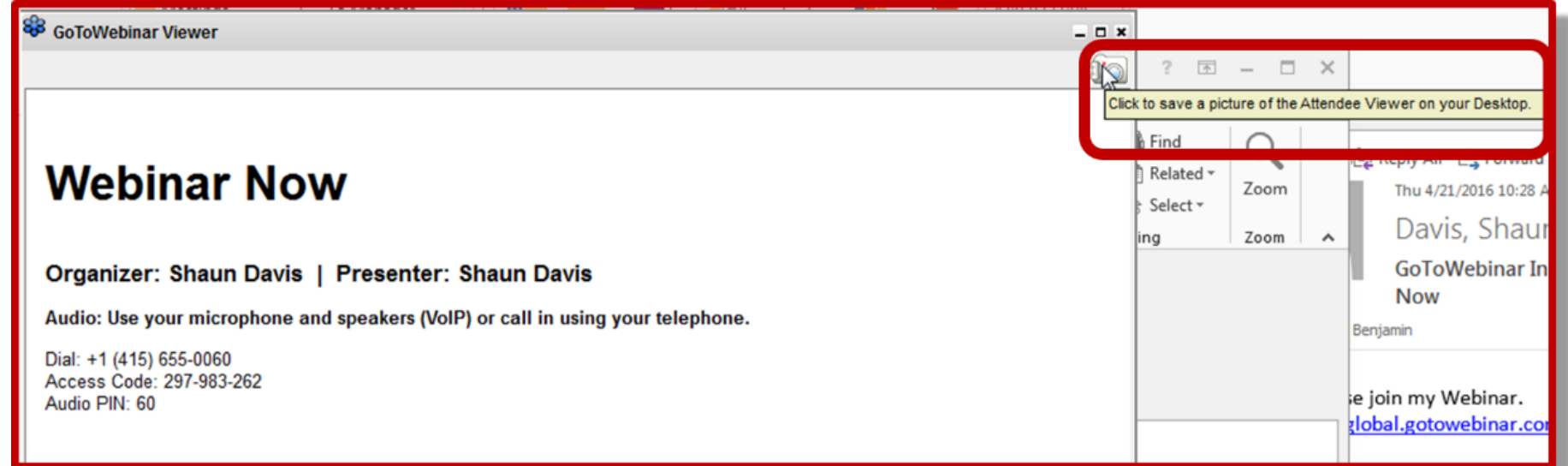
How to ask a question:

- Control panel on right side of screen
- Use question pane
 - Type questions and comments
 - Click send



How to capture the webinar window:

- Webinar viewer
 - Top, right corner
- Camera icon



Crash Data Academy

SSOGis

Presenter:

Shaun Davis

GIS and Data Analyst

FDOT, State Safety Office

Agenda

- Overview
- Why use SSOGIS?
- Data source
- Demonstration
- Questions

Why SSOGIS?

- Sharing crash data
 - Simple
 - Intuitive
 - Map-based
 - Web-based
- For...
 - Transportation professionals
 - Researchers
 - The public

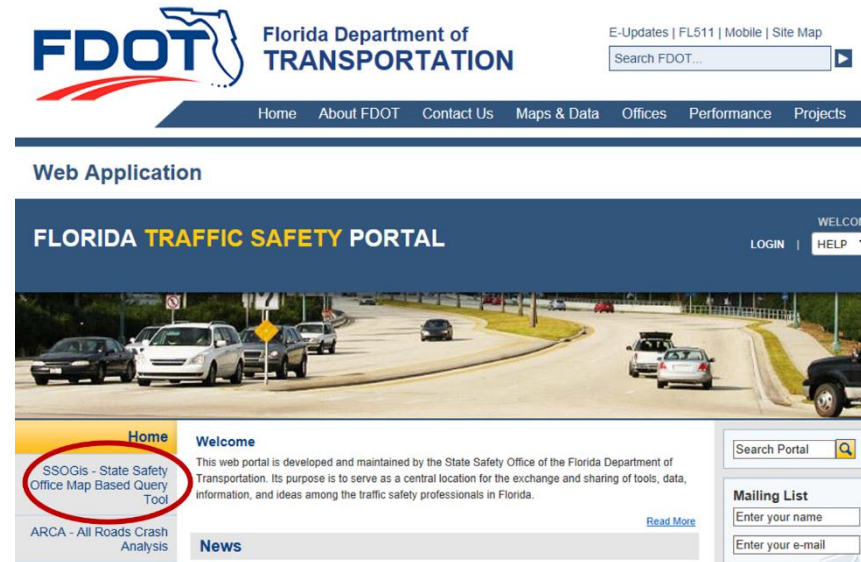


Data Sources for SSOGIS

- Shapefiles
 - Motor vehicle crashes
 - Public roads – state and local
 - Parking lots, private property omitted
 - Long form
 - High crash locations – segments and intersections
 - Crash Analysis and Reporting System

Accessing SSOgis

- Open access
- Public internet website
 - Direct link: <https://fdotewp1.dot.state.fl.us/SSOGis/>.
- Florida Traffic Safety Portal
 - <https://fdotewp1.dot.state.fl.us/TrafficSafetyWebPortal/>



FDOT Florida Department of TRANSPORTATION

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Web Application

FLORIDA TRAFFIC SAFETY PORTAL

WELCOME LOGIN HELP

Home

- SSOGis - State Safety Office Map Based Query Tool
- ARCA - All Roads Crash Analysis

Welcome

This web portal is developed and maintained by the State Safety Office of the Florida Department of Transportation. Its purpose is to serve as a central location for the exchange and sharing of tools, data, information, and ideas among the traffic safety professionals in Florida.

[Read More](#)

News

Search Portal

Mailing List

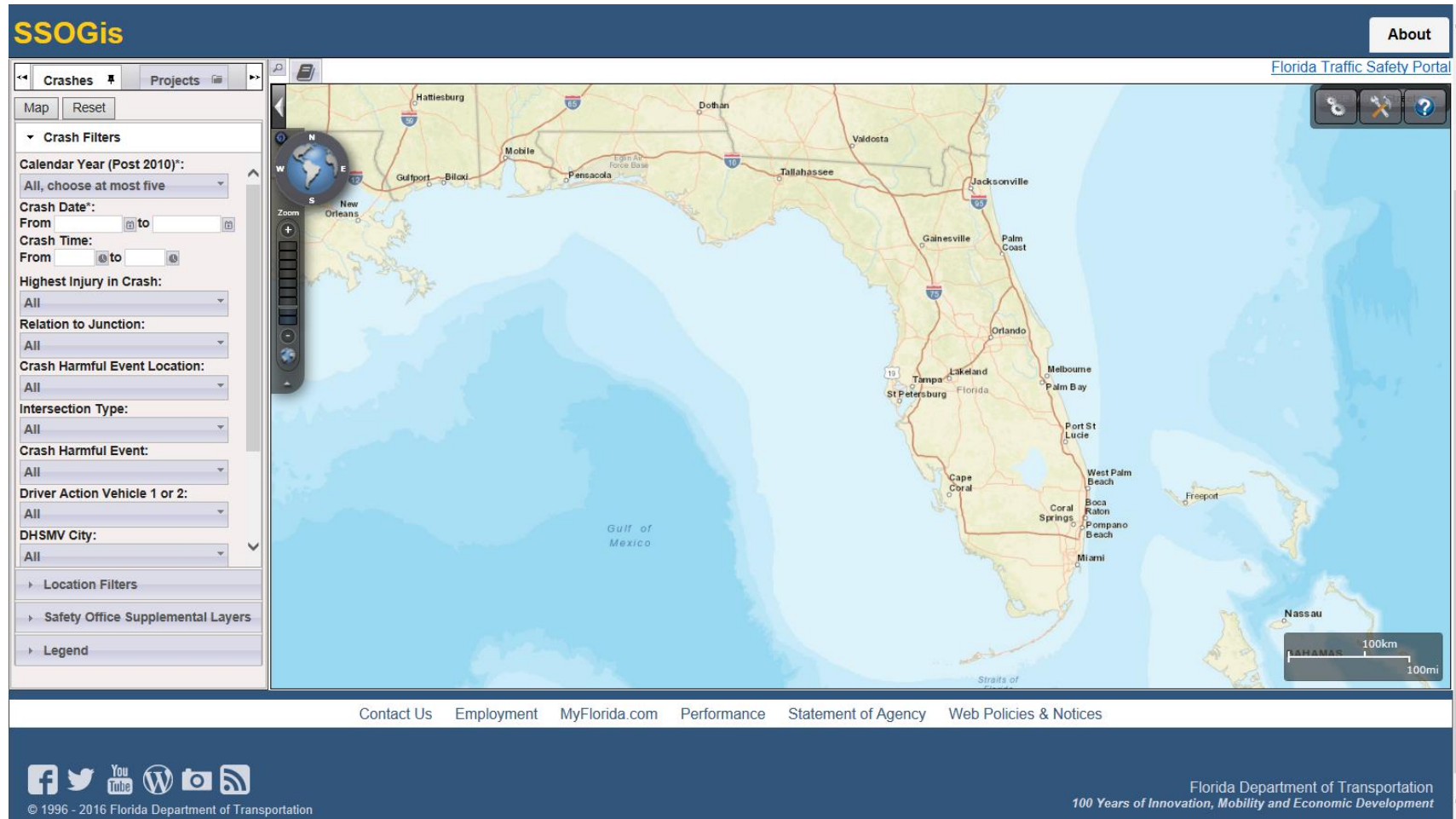
Enter your name

Enter your e-mail

SSOGis: Browser Requirements

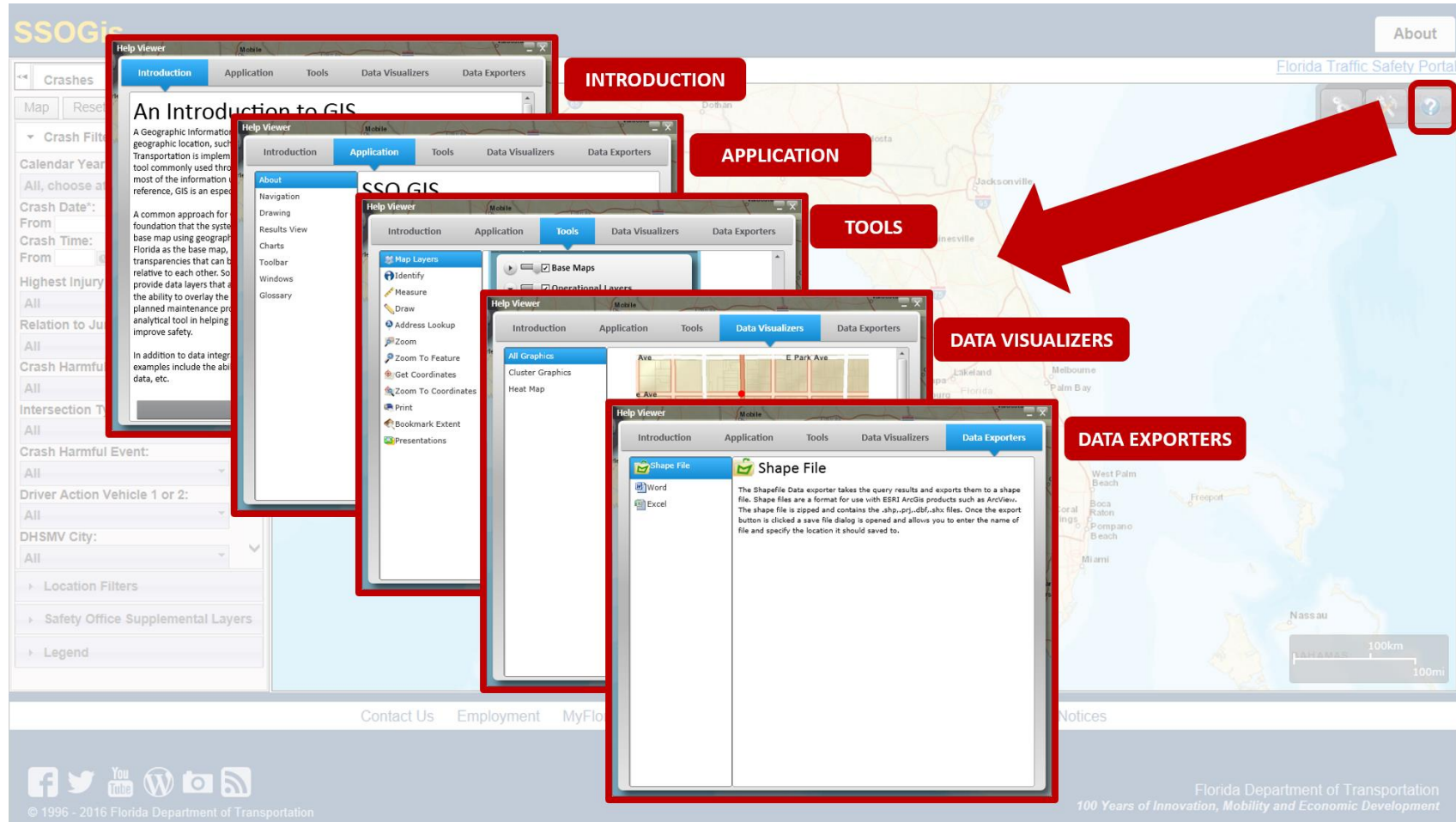
- Browsers now
 - **Internet Explorer, Firefox**
 - Silverlight – current support
 - Browsers supporting Silverlight
 - <http://www.microsoft.com/getsilverlight/Get-Started/Install/Default.aspx>
- Browsers later
 - **Internet Explorer, Chrome, Firefox, Safari, Opera**
 - HTML5 – future support
 - Complete implementation, TBA
 - Browsers supporting HTML5
 - <http://html5readiness.com/>

SSOGis: Main View



The screenshot displays the SSOgis web application interface. At the top left, the 'SSOGis' logo is visible. Below it, there are tabs for 'Crashes' and 'Projects'. A left-hand sidebar contains a 'Crash Filters' section with dropdown menus for 'Calendar Year (Post 2010)*', 'Crash Date*', 'Crash Time', 'Highest Injury in Crash', 'Relation to Junction', 'Crash Harmful Event Location', 'Intersection Type', 'Crash Harmful Event', 'Driver Action Vehicle 1 or 2', and 'DHSMV City'. Below these are expandable sections for 'Location Filters', 'Safety Office Supplemental Layers', and 'Legend'. The main area is a map of Florida with a search bar and navigation controls. A scale bar at the bottom right of the map shows 100km and 100mi. At the bottom of the page, there is a footer with social media icons (Facebook, Twitter, YouTube, WordPress, Instagram, RSS) and the text '© 1996 - 2016 Florida Department of Transportation'. On the right side of the footer, it says 'Florida Department of Transportation 100 Years of Innovation, Mobility and Economic Development'. A navigation bar at the bottom of the map area includes links for 'Contact Us', 'Employment', 'MyFlorida.com', 'Performance', 'Statement of Agency', and 'Web Policies & Notices'. An 'About' button is located in the top right corner of the application header.

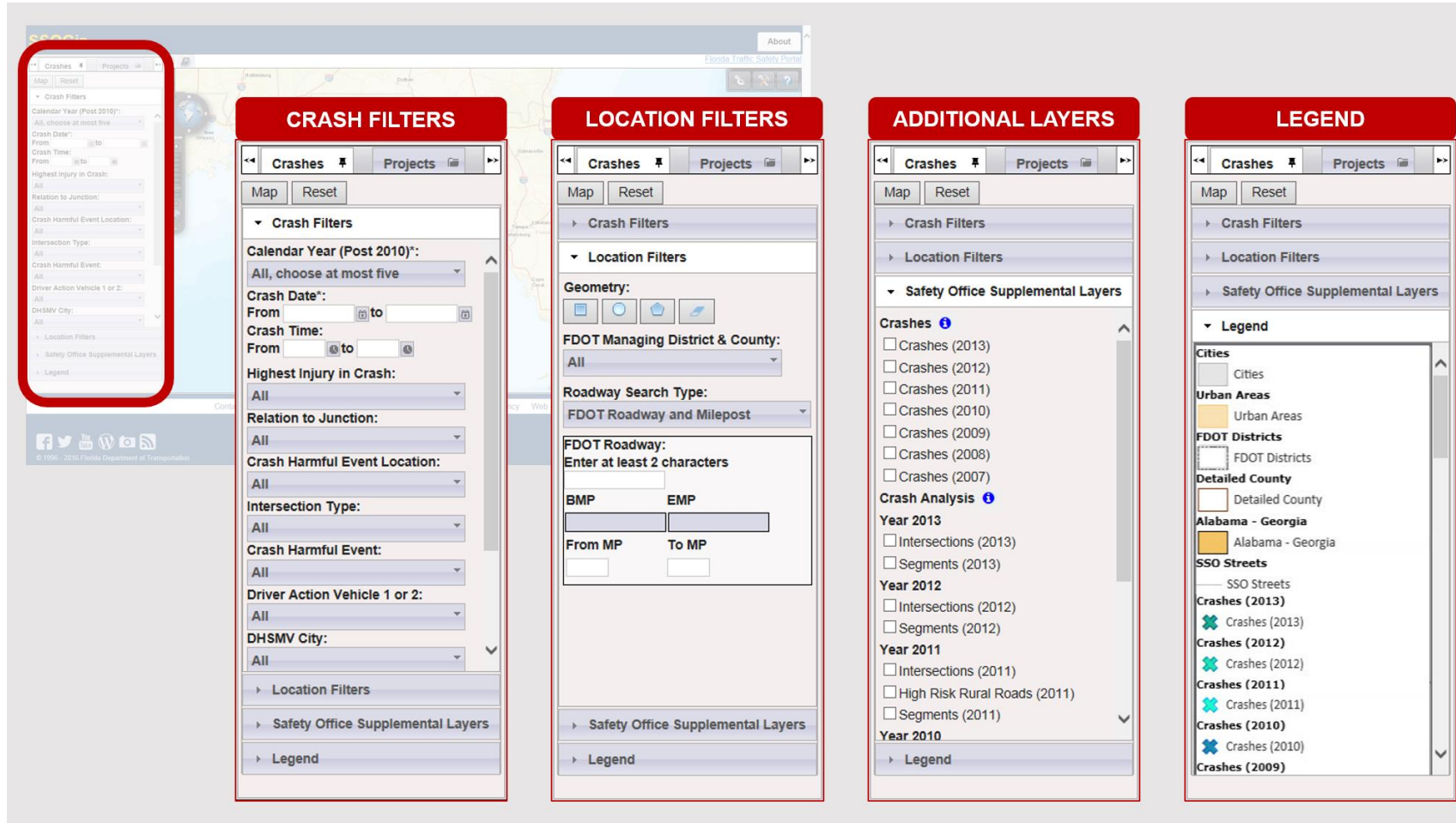
SSOGis: Help Menu



The screenshot displays the SSOgis interface with a map of Florida. A red arrow points to a question mark icon in the top right corner of the map area. Five overlapping 'Help Viewer' windows are shown, each with a red callout box and a red border. The callouts are labeled: INTRODUCTION, APPLICATION, TOOLS, DATA VISUALIZERS, and DATA EXPORTERS. The 'Help Viewer' windows show the following content:

- INTRODUCTION:** An Introduction to GIS. A Geographic Information System (GIS) is a computer-based tool commonly used through most of the information reference, GIS is an especially important tool for transportation planning.
- APPLICATION:** About SSOGIS. Navigation, Drawing, Results View, Charts, Toolbar, Windows, Glossary.
- TOOLS:** Map Layers, Identify, Measure, Draw, Address Lookup, Zoom, Zoom To Feature, Get Coordinates, Zoom To Coordinates, Print, Bookmark Extent, Presentations.
- DATA VISUALIZERS:** All Graphics, Cluster Graphics, Heat Map.
- DATA EXPORTERS:** Shape File. The Shapefile Data exporter takes the query results and exports them to a shape file. Shape files are a format for use with EBRU ArcGIS products such as ArcView. The shape file is zipped and contains the .shp, .prj, .dbf, .shx files. Once the export button is clicked a save file dialog is opened and allows you to enter the name of file and specify the location it should be saved to.

SSOGis: Sidebar Options



The image displays four sidebar panels from the SSOgis application, each with a red header and a 'Map' and 'Reset' button at the top. The panels are:

- CRASH FILTERS:** Includes filters for Calendar Year (Post 2010)*, Crash Date*, Highest Injury in Crash, Relation to Junction, Crash Harmful Event Location, Intersection Type, Crash Harmful Event, Driver Action Vehicle 1 or 2, and DHSMV City.
- LOCATION FILTERS:** Includes filters for Geometry, FDOT Managing District & County, Roadway Search Type, and FDOT Roadway (with BMP and EMP options).
- ADDITIONAL LAYERS:** Includes Safety Office Supplemental Layers, Crashes (2013-2007), and Crash Analysis (2013-2010).
- LEGEND:** Includes Cities, Urban Areas, FDOT Districts, Detailed County, Alabama - Georgia, and SSO Streets.

SSOGis: Crash Details Options

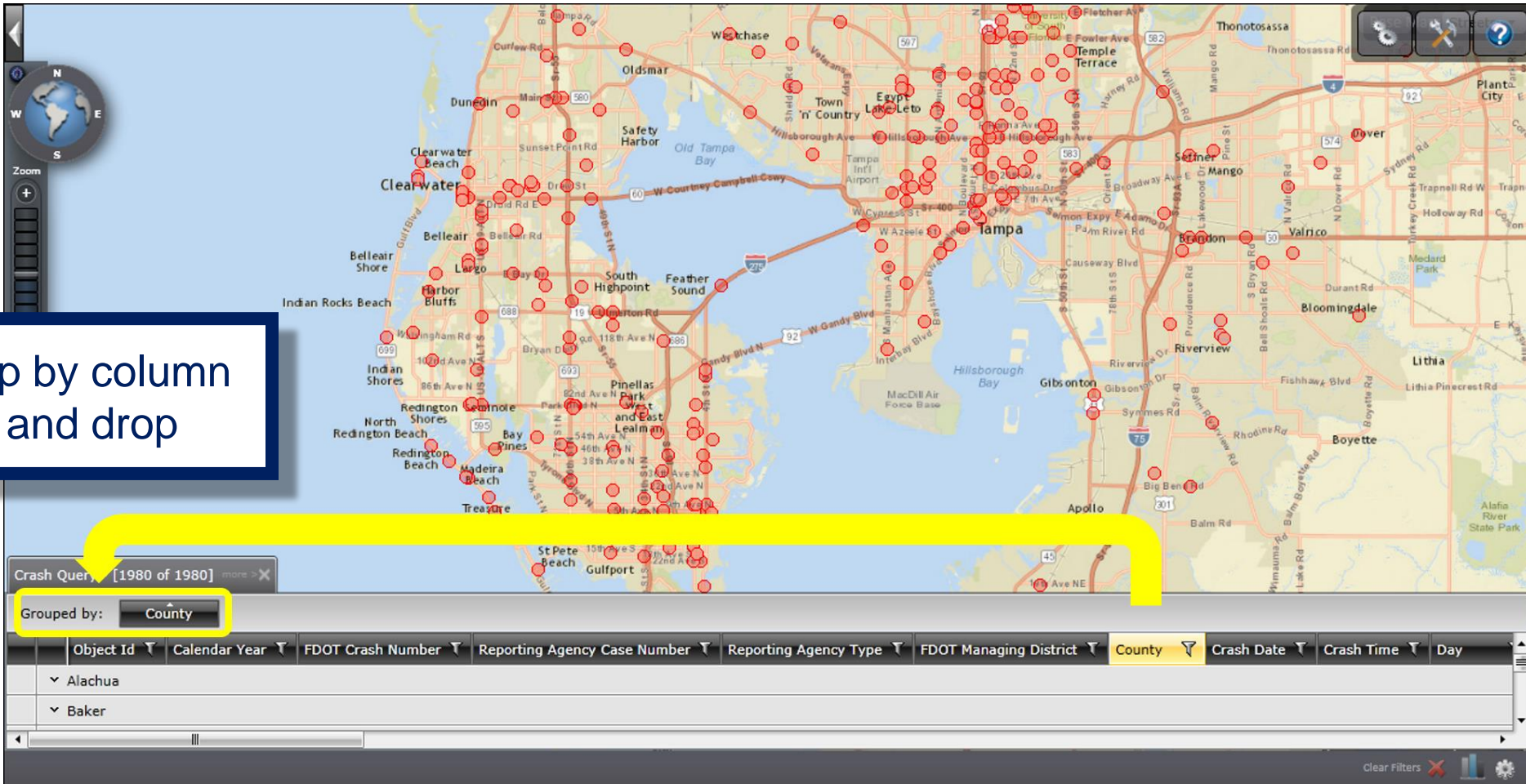
The screenshot displays the SSOgis interface with several key components highlighted by yellow boxes:

- Find Nearby Features:** A dialog box with a 'Layer' dropdown, a 'Search Radius' input set to 0 feet, and an 'Execute' button.
- Video Log Viewer Application:** A search interface with fields for 'Roadway ID' (1000001), 'Direction' (Default), and 'Mile Point' (6442). Below the search bar, it displays 'Welcome to the Florida Department of Transportation Video Log Viewer' and 'Presented by THE TRANSPORTATION STATISTICS OFFICE'.
- Crash Report:** A detailed 'FLORIDA TRAFFIC CRASH REPORT' form for crash number 841459090.
- Crash Query Table:** A table with columns for Object Id, Calendar Year, FDOT Crash Number, and Report Number. It shows two rows of data:

Object Id	Calendar Year	FDOT Crash Number	Report Number
838350	2013	841310060	1301
838934	2013	841459090	1368
- Crash Details Table:** A table showing specific crash details for the selected crash:

County	Crash Date	Crash Time	Day
Lee	1/21/2013	1707	THURSDAY
Lee	1/22/2013	1750	TUESDAY
- Map and Views:** A central map of the Tampa Bay area with red crash markers. A 'Birds Eye View' window shows an aerial view of a crash site. A 'Street View' window shows a street-level view of the same location.
- Navigation Menu:** A sidebar menu with options: 'Additional Actions (6)', 'Birds Eye View', 'Find Nearby Features', 'Most Recent Crash Report', 'Street View', and 'Video Log'.

SSOGis: Grouping Data



- Group by column
- Drag and drop

Crash Query: [1980 of 1980] more > X

Grouped by: **County**

Object Id	Calendar Year	FDOT Crash Number	Reporting Agency Case Number	Reporting Agency Type	FDOT Managing District	County	Crash Date	Crash Time	Day
▼	Alachua								
▼	Baker								

SSOGis: Exporting Data

- All crashes
- Latitude, longitude
- Export options:
 - Shapefile
 - Word document
 - Excel document

The screenshot shows the SSOgis application interface. At the top, there's a map of Florida with a red dot indicating a crash location. Below the map is a 'Query Result Data Export' window showing details for crash #819653030. To the right, there's a 'SHAPEFILE' export option. At the bottom, there's an 'EXCEL' export option and a data table. On the right side, there are 'Data Visualizers' (All Graphics, Cluster Graphics, Heat Map) and 'Data Exporters' (Shape File, Word, Excel) menus. A blue arrow points from the 'Excel' export option to the data table.

Object ID	Calendar Year	FDOT Case Reporting	Reporting Agency	Mar	County	Crash Date	Crash Time	Day	DHSMV CI	Crash Reg	In Town	On Roadway	Roadway FDOT	Nearest H	Nearest N	State Road	US HWY	Crash Side	Crash Lane	1st Vehicle	FDOT
1	2013	2126380C	FHPD1301	05	79	02/20/2013	0630	MONDAY	7936	0836	Y	STATE RD COUNTY RT 79000000	15.1420034	SR 20	L	1	W	5	1	57	
2	2013	2126380C	FHPD1301	05	79	02/20/2013	0638	WEDNESDAY	7930	0830	Y	STATE RD COUNTY RT 79000000	15.1420034	SR 20	L	1	W	5	1	57	
3	2013	2126380C	FHPD1301	05	79	02/20/2013	0638	WEDNESDAY	7930	0830	Y	STATE RD COUNTY RT 79000000	15.1420034	SR 20	L	1	W	5	1	57	
4	2013	2126380C	FHPD1301	05	79	02/20/2013	0638	WEDNESDAY	7930	0830	Y	STATE RD COUNTY RT 79000000	15.1420034	SR 20	L	1	W	5	1	57	
5	2013	2126380C	FHPD1301	05	79	02/20/2013	0638	WEDNESDAY	7930	0830	Y	STATE RD COUNTY RT 79000000	15.1420034	SR 20	L	1	W	5	1	57	
6	2013	2126380C	FHPD1301	05	79	02/20/2013	0638	WEDNESDAY	7930	0830	Y	STATE RD COUNTY RT 79000000	15.1420034	SR 20	L	1	W	5	1	57	
7	2013	2126380C	FHPD1301	05	79	02/20/2013	0638	WEDNESDAY	7930	0830	Y	STATE RD COUNTY RT 79000000	15.1420034	SR 20	L	1	W	5	1	57	
8	2013	2126380C	FHPD1301	05	79	02/20/2013	0638	WEDNESDAY	7930	0830	Y	STATE RD COUNTY RT 79000000	15.1420034	SR 20	L	1	W	5	1	57	
9	2013	2126380C	FHPD1301	05	79	02/20/2013	0638	WEDNESDAY	7930	0830	Y	STATE RD COUNTY RT 79000000	15.1420034	SR 20	L	1	W	5	1	57	
10	2013	2126380C	FHPD1301	05	79	02/20/2013	0638	WEDNESDAY	7930	0830	Y	STATE RD COUNTY RT 79000000	15.1420034	SR 20	L	1	W	5	1	57	
11	2013	2126380C	FHPD1301	05	79	02/20/2013	0638	WEDNESDAY	7930	0830	Y	STATE RD COUNTY RT 79000000	15.1420034	SR 20	L	1	W	5	1	57	
12	2013	2126380C	FHPD1301	05	79	02/20/2013	0638	WEDNESDAY	7930	0830	Y	STATE RD COUNTY RT 79000000	15.1420034	SR 20	L	1	W	5	1	57	
13	2013	2126380C	FHPD1301	05	79	02/20/2013	0638	WEDNESDAY	7930	0830	Y	STATE RD COUNTY RT 79000000	15.1420034	SR 20	L	1	W	5	1	57	
14	2013	2126380C	FHPD1301	05	79	02/20/2013	0638	WEDNESDAY	7930	0830	Y	STATE RD COUNTY RT 79000000	15.1420034	SR 20	L	1	W	5	1	57	
15	2013	2126380C	FHPD1301	05	79	02/20/2013	0638	WEDNESDAY	7930	0830	Y	STATE RD COUNTY RT 79000000	15.1420034	SR 20	L	1	W	5	1	57	
16	2013	2126380C	FHPD1301	05	79	02/20/2013	0638	WEDNESDAY	7930	0830	Y	STATE RD COUNTY RT 79000000	15.1420034	SR 20	L	1	W	5	1	57	
17	2013	2126380C	FHPD1301	05	79	02/20/2013	0638	WEDNESDAY	7930	0830	Y	STATE RD COUNTY RT 79000000	15.1420034	SR 20	L	1	W	5	1	57	
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19	2013	2126380C	FHPD1301	05	79	02/20/2013	0638	WEDNESDAY	7930	0830	Y	STATE RD COUNTY RT 79000000	15.1420034	SR 20	L	1	W	5	1	57	
20	2013	2126380C	FHPD1301	05	79	02/20/2013	0638	WEDNESDAY	7930	0830	Y	STATE RD COUNTY RT 79000000	15.1420034	SR 20	L	1	W	5	1	57	
21	2013	2126380C	FHPD1301	05	79	02/20/2013	0638	WEDNESDAY	7930	0830	Y	STATE RD COUNTY RT 79000000	15.1420034	SR 20	L	1	W	5	1	57	
22	2013	2126380C	FHPD1301	05	79	02/20/2013	0638	WEDNESDAY	7930	0830	Y	STATE RD COUNTY RT 79000000	15.1420034	SR 20	L	1	W	5	1	57	
23	2013	2126380C	FHPD1301	05	79	02/20/2013	0638	WEDNESDAY	7930	0830	Y	STATE RD COUNTY RT 79000000	15.1420034	SR 20	L	1	W	5	1	57	
24	2013	2126380C	FHPD1301	05	79	02/20/2013	0638	WEDNESDAY	7930	0830	Y	STATE RD COUNTY RT 79000000	15.1420034	SR 20	L	1	W	5	1	57	
25	2013	2126380C	FHPD1301	05	79	02/20/2013	0638	WEDNESDAY	7930	0830	Y	STATE RD COUNTY RT 79000000	15.1420034	SR 20	L	1	W	5	1	57	
26	2013	2126380C	FHPD1301	05	79	02/20/2013	0638	WEDNESDAY	7930	0830	Y	STATE RD COUNTY RT 79000000	15.1420034	SR 20	L	1	W	5	1	57	
27	2013	2126380C	FHPD1301	05	79	02/20/2013	0638	WEDNESDAY	7930	0830	Y	STATE RD COUNTY RT 79000000	15.1420034	SR 20	L	1	W	5	1	57	
28	2013	2126380C	FHPD1301	05	79	02/20/2013	0638	WEDNESDAY	7930	0830	Y	STATE RD COUNTY RT 79000000	15.1420034	SR 20	L	1	W	5	1	57	
29	2013	2126380C	FHPD1301	05	79	02/20/2013	0638	WEDNESDAY	7930	0830	Y	STATE RD COUNTY RT 79000000	15.1420034	SR 20	L	1	W	5	1	57	
30	2013	2126380C	FHPD1301	05	79	02/20/2013	0638	WEDNESDAY	7930	0830	Y	STATE RD COUNTY RT 79000000	15.1420034	SR 20	L	1	W	5	1	57	
31	2013	2126380C	FHPD1301	05	79	02/20/2013	0638	WEDNESDAY	7930	0830	Y	STATE RD COUNTY RT 79000000	15.1420034	SR 20	L	1	W	5	1	57	
32	2013	2126380C	FHPD1301	05	79	02/20/2013	0638	WEDNESDAY	7930	0830	Y	STATE RD COUNTY RT 79000000	15.1420034	SR 20	L	1	W	5	1	57	
33	2013	2126380C	FHPD1301	05	79	02/20/2013	0638	WEDNESDAY	7930	0830	Y	STATE RD COUNTY RT 79000000	15.1420034	SR 20	L	1	W	5	1	57	
34	2013	2126380C	FHPD1301	05	79	02/20/2013	0638	WEDNESDAY	7930	0830	Y	STATE RD COUNTY RT 79000000	15.1420034	SR 20	L	1	W	5	1	57	
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37	2013	2126380C	FHPD1301	05	79	02/20/2013	0638	WEDNESDAY	7930	0830	Y	STATE RD COUNTY RT 79000000	15.1420034	SR 20	L	1	W	5	1	57	
38	2013	2126380C	FHPD1301	05	79	02/20/2013	0638	WEDNESDAY	7930	0830	Y	STATE RD COUNTY RT 79000000	15.1420034	SR 20	L	1	W	5	1	57	
39	2013	2126380C	FHPD1301	05	79	02/20/2013	0638	WEDNESDAY	7930	0830	Y	STATE RD COUNTY RT 79000000	15.1420034	SR 20	L	1	W	5	1	57	
40	2013	2126380C	FHPD1301	05	79	02/20/2013	0638	WEDNESDAY	7930	0830	Y	STATE RD COUNTY RT 79000000	15.1420034	SR 20	L	1	W	5	1	57	
41	2013	2126380C	FHPD1301	05	79	02/20/2013	0638	WEDNESDAY	7930	0830	Y	STATE RD COUNTY RT 79000000	15.1420034	SR 20	L	1	W	5	1	57	
42	2013	2126380C	FHPD1301	05	79	02/20/2013	0638	WEDNESDAY	7930	0830	Y	STATE RD COUNTY RT 79000000	15.1420034	SR 20	L	1	W	5	1	57	
43	2013	2126380C	FHPD1301	05	79	02/20/2013	0638	WEDNESDAY	7930	0830	Y	STATE RD COUNTY RT 79000000	15.1420034	SR 20	L	1	W	5	1	57	
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45	2013	2126380C	FHPD1301	05	79	02/20/2013	0638	WEDNESDAY	7930	0830	Y	STATE RD COUNTY RT 79000000	15.1420034	SR 20	L	1	W	5	1	57	
46	2013	2126380C	FHPD1301	05	79	02/20/2013	0638	WEDNESDAY	7930	0830	Y	STATE RD COUNTY RT 79000000	15.1420034	SR 20	L	1	W	5	1	57	
47	2013	2126380C	FHPD1301	05	79	02/20/2013	0638	WEDNESDAY	7930	0830	Y	STATE RD COUNTY RT 79000000	15.1420034	SR 20	L	1	W	5	1	57	
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50	2013	2126380C	FHPD1301	05	79	02/20/2013	0638	WEDNESDAY	7930	0830	Y	STATE RD COUNTY RT 79000000	15.1420034	SR 20	L	1	W	5	1	57	
51	2013	2126380C	FHPD1301	05	79	02/20/2013	0638	WEDNESDAY	7930	0830	Y	STATE RD COUNTY RT 79000000	15.1420034	SR 20	L	1	W	5	1	57	
52	2013	2126380C	FHPD1301	05	79	02/20/2013	0638	WEDNESDAY	7930	0830	Y	STATE RD COUNTY RT 79000000	15.1420034	SR 20	L	1	W	5	1	57	
53	2013	2126380C	FHPD1301	05	79	02/20/2013	0638	WEDNESDAY	7930	0830	Y	STATE RD COUNTY RT 79000000	15.1420034	SR 20	L	1	W	5	1	57	
54	2013	2126380C	FHPD1301	05	79	02/20/2013	0638	WEDNESDAY	7930	0830	Y	STATE RD COUNTY RT 79000000	15.1420034	SR 20	L	1	W	5	1	57	
55	2013</																				

SSOGis Demonstration

Crash Data Query

Training Exercise

How many pedestrian crashes occurred during the evening rush hour (4 to 6 pm)?

Is there a relationship between vehicle speed and crash severity?

<https://fdotewp1.dot.state.fl.us/SSOGis/>

Criteria

Date Range

1/1/11 – 12/31/13

Crash Time (24 HR)

16:00 – 18:00

Pedestrian Involved

Training Exercise

The screenshot shows the SSOgis web application. On the left, there is a sidebar with a 'Crashes' menu and a 'Map' button. A red arrow points to the 'Map' button with the text 'PRESS "Map" TO START QUEARY'. Below the sidebar, there are several filter sections:

- Crash Filters:**
 - Calendar Year (Post 2010)*: All, choose at most five
 - Crash Date*: From 01/01/2011 to 12/31/2013
 - Crash Time: From 16:00 to 18:00
- Hide More:**
 - FDOT Crash Number: [input field]
 - Reporting Agency Case Number: [input field]
 - Reporting Agency: All
 - Pedestrian Involved?
 - Bicyclist Involved?
 - Motorcycle Involved?

The main area of the screen displays a map of Florida with various cities and roads labeled. At the bottom of the page, there is a footer with social media icons, contact information, and the Florida Department of Transportation logo.

- Enter criteria.
- Start query – Map.

Training Exercise

Change visualization to cluster.

Object Id	Calendar Year	FDOT Crash Number	Reporting Agency Case Number	Reporting Agency Type	FDOT Managing District	County	Crash Date	Crash Time	Day
181	2011	519496490	1189866	CPD	07	Hillsborough	02/13/2011	1738	SUNDAY
346	2011	808226770	WGPD11OFF000064	SO	05	Orange	01/05/2011	1652	WEDNESDAY

Data Visualizers

- All Graphics
- Cluster Graphics**
- Heat Map

Data Exporters

- Shape File
- Word
- Excel

Training Exercise

FLORIDA TRAFFIC CRASH REPORT

LONG FORM SHORT FORM UPDATE

MAIL TO: DEPARTMENT OF HIGHWAY SAFETY & MOTOR VEHICLES
TRAFFIC CRASH RECORDS, NEIL KIRKMAN BUILDING
TALLAHASSEE, FL 32399-0537

TOTAL # OF VEHICLE SECTION(S) 1
TOTAL # OF PERSON SECTION(S) 2
TOTAL # OF NARRATIVE SECTION(S) 1

CRASH DATE: 10.22.13 TIME OF CRASH: 1750 DATE OF REPORT: 10.22.13 REPORTING AGENCY CASE NUMBER: 13-688458 HSMV CRASH REPORT NUMBER: 84145909

CRASH IDENTIFIERS
COUNTY CODE: 03 CITY CODE: 50 COUNTY OF CRASH: Hillsborough PLACE OR CITY OF CRASH: Tampa CHECK IF WITHIN CITY LIMITS: TIME REPORTED: 1750 TIME DISPATCHED: 1752

ROADWAY INFORMATION (CHOOSE ONLY 1 OF 4 OPTIONS)
CRASH OCCURRED ON STREET, ROAD, HIGHWAY
AT STREET ADDRESS # 1: 11111 times AV N AT LATITUDE AND LONGITUDE
FEET: 11111 MILES: 0.02 AT / FROM INTERSECTION WITH STREET, ROAD, HIGHWAY: Kathleen ST W OR FROM MILEPOST # 4

CRASH INFORMATION (CHECK IF PICTURES TAKEN)

Light Condition 1 Daylight 2 Dusk 3 Dawn 4 Dark-Lighted 5 Other, Explain in Narrative 88 Unknown	Weather Condition 5 Fog, Smog, Smoke 6 Freezing Rain 7 Other, Explain in Narrative 8 Unknown	Roadway Surface Condition 5 Oil 6 Mud, Dirt, Gravel 7 Sand 8 Water (standing/moving) 9 Dry 10 Wet 11 Ice/Frost 88 Unknown	School Bus Related 1 No 2 Yes, School Bus Directly Involved 3 Yes, School Bus Indirectly Involved	Manner of Collision/Impact 1 No 2 Yes, Same Direction 3 Sideswipe, Opposite Direction 4 Rear to Side 5 Rear to Rear 6 Front to Rear 7 Other, Explain in Narrative 8 Unknown 9 Angle
First Harmful Event 10 1 Overturn/Rollover 2 Fire/Explosion 3 Immersion 4 Jackknife 5 Cargo/Equipment Loss or Shift 6 Fell/Jumped From Motor Vehicle 7 Thrown or Falling Object 8 Ran into Water/Canal 9 Other Non-Collision	Collision Non-Fixed Object 10 Pedestrian 11 Motorcycle 12 Railway Vehicle (train, engine) 13 Animal 14 Motor Vehicle in Transport 15 Parked Motor Vehicle 16 Work Zone/Maintenance Equipment 17 Struck By Falling, Shifting Cargo 18 Other Non-Fixed Object	Collision with Fixed Object 19 Impact Attenuator/Crash Cushion 20 Bridge Overhead Structure 21 Bridge Pier or Support 22 Bridge Rail 23 Culvert 24 Curb 25 Ditch 26 Embankment 27 Guardrail Face 28 Guardrail End 29 Cable Barrier 30 Concrete Traffic Barrier 31 Other Traffic Barrier 32 Tree (standing) 33 Utility Pole/Light Support 34 Traffic Sign Support 35 Traffic Signal Support 36 Other Post, Pole or Support 37 Fence 38 Mailbox 39 Other Fixed Object (wall, building, tunnel, etc.)	First Harmful Event Location 1 On Roadway 2 Off Roadway 3 Shoulder 4 Median 5 Gore 6 Separator 7 In Parking Lane or Zone 8 Outside Right-of-Way 9 Roadside 10 Roadside	
First Harmful Event within Interchange 1 No 2 Yes 88 Unknown	Contributing Circumstances: Road 1 None 2 Work Zone (construction/maintenance/utility) 3 Shoulders (none, low, soft, high) 4 Rut, Holes, Bumps 5 Worn, Travel-Polished Surface 6 Road Surface Condition (wet, icy, snow, sleet, etc.) 7 Obstruction in Roadway 8 Debris 9 Traffic Control Device Inoperative, Missing or Obscured 10 Non-Highway Work 11 Other, Explain in Narrative 88 Unknown	Contributing Circumstances: Environment 1 None 2 Weather Conditions 3 Physical Obstruction(s) 4 Gate 5 Animal(s) in Roadway 6 Other, Explain in Narrative 88 Unknown		

Work Zone Related | Crash in Work Zone | Type of Work Zone | Workers in Work Zone | Law Enforcement In

Map overlay showing crash location in Hillsborough County, Florida. Pop-up window details:
FDOT Crash Number: 841459090
Object Id: 838934
Calendar Year: 2013
Reporting Agency Case Number: 13688458
Reporting Agency Type: CPD
Additional Actions (6): Birds Eye View, Find Nearby Features, Most Recent Crash Report, Street View, Video Log, Zoom To Selected Feature

FDOT Managing District	County	Crash Date	Crash Time	Day
01	Lee	11/21/2013	1707	THURSDAY
07	Hillsborough	10/22/2013	1750	TUESDAY

View crash report.

Training Exercise

Map Layers

Search Layers

- Base Maps
- Streets
- USGS Topography
- ESRI Topography
- Aerials
- State Safety Office Layers

Crash Query - [1980 of 1980] more > X

Drag a column header and drop it here to group by that column

Object Id	Calendar Year	FDOT Crash Number	Reporting Agency Case Number	Reporting Agency Type	FDOT Managing District	County	Crash Date	Crash Time	Day
246948	2011	825063750	PD110420159133	SO	06	Miami-Dade	04/20/2011	1655	WEDNESDAY
> 247158	2011	824806520	SO11-204967	CPD	07	Pinellas	06/17/2011	1708	FRIDAY

Change basemap to aerial.

Training Exercise

Crash Query - [1980 of 1980]

Object Id	Calendar Year	FDOT Crash Number	Reporting Agency Case Number	Reporting Agency Type	FDOT Managing District	County	Crash Date	Crash Time	Day
181	2011	519496490	1189866	CPD	07	Hillsborough	02/13/2011	1738	SUNDAY
394	2011	519499600	11129570	CPD	07	Hillsborough	03/04/2011	1720	FRIDAY

Crash Query - [1980 of 1980]

Object Id	Calendar Year	FDOT Crash Number	Reporting Agency Case Number	Reporting Agency Type	FDOT Managing District	County	Crash Date	Crash Time	Day
246948	2011	825063750	PD110420159133	SO	06	Miami-Dade	04/20/2011	1655	WEDNESDAY
247158	2011	824806520	SO11-204967	CPD	07	Pinellas	06/17/2011	1708	FRIDAY

Filter Panel:

- Select All
- Hillsborough
- Orange
- Osceola
- Pinellas
- St. Lucie
- Leon
- Palm Beach
- Bay
- Martin
- Seminole
- Escambia

Show rows with value that

Is equal to

And

Is equal to

Filter Clear Filter

Filter results to Hillsborough County.

Training Exercise

Location Filters

Geometry: [Icons]

FDOT Managing District & County:

All

Filter: [Enter keywords]

Check all Uncheck all

District 07

02 Citrus

08 Hernando

10 Hillsborough

14 Pasco

15 Pinellas

Turnpike Enterprise

Object Id	Calendar Year	FDOT Crash Number	Reporting Agency Case Number	Reporting Agency Type	FDOT Managing District	County	Crash Date	Crash Time	Day	District
181	2011	519496490	1189866	CPD	07	Hillsborough	02/13/2011	1738	SUNDAY	Ta
394	2011	519499600	11129570	CPD	07	Hillsborough	03/04/2011	1720	FRIDAY	Ta

Query for Hillsborough County only.

Training Exercise

Crash Filters

Calendar Year (Post 2010)*:
All, choose at most five

Crash Date*:
From 01/01/2011 to 12/31/2013

Crash Time:
From 06:30 to 08:30

Location Filters

Geometry:

FDOT Managing District & County:

All

Filter: Enter keywords

Check all Uncheck all

District 07

02 Citrus

08 Hernando

10 Hillsborough

14 Pasco

15 Pinellas

Turnpike Enterprise

Calendar Year	FDOT Crash Number	Reporting Agency Case Number	Reporting Agency Type	FDOT Managing District	County	Crash Date	Crash Time	Day
2011	519503620	11180406	CPD	07	Hillsborough	03/29/2011	0750	TUESDAY
2011	519509270	2011243046	CPD	07	Hillsborough	04/29/2011	0640	FRIDAY

Query for peak morning hours (0630 to 0830) in Hillsborough County.

Training Exercise

EXCEL

Export data to Excel.

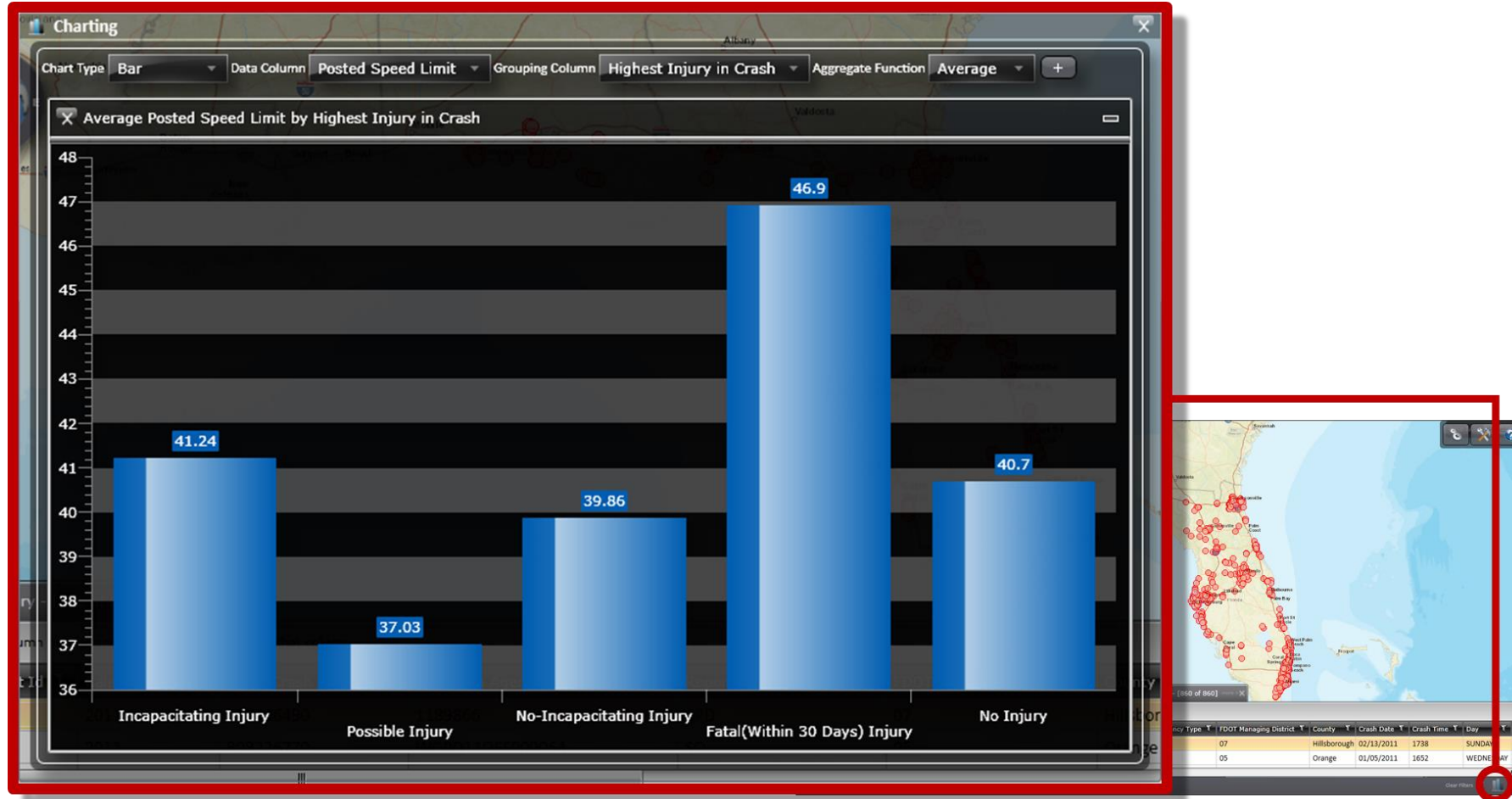
Object Id	Calendar Year	FDOT Crash Number	Reporting Agency Case Number	Reporting Agency Type	FDOT Managing District	County	Crash Date	Crash Time
209	2011	519503620	11180406	CPD	07	Hillsborough	03/29/2011	0750
13010	2011	519509270	2011243046	CPD	07	Hillsborough	04/29/2011	0640

Training Exercise

The screenshot shows the SSOgis web application. On the left, a sidebar contains a 'Crash Filters' section with a 'Safety Office Supplemental Layers' dropdown. Under 'Crash Analysis', the 'Year 2011' section has 'Segments (2011)' checked. The main map area displays a geographic view of the Tampa Bay area with red circles representing crash segments. Below the map is a data table with the following content:

Object Id	Calendar Year	FDOT Crash Number	Reporting Agency Case Number	Reporting Agency Type	FDOT Managing District	County	Crash Date	Crash Time	Day
209	2011	519503620	11180406	CPD	07	Hillsborough	03/29/2011	0750	TUESDAY
13010	2011	519509270	2011243046	CPD	07	Hillsborough	04/29/2011	0640	FRIDAY

Show high crash segments from supplemental layer.



Future Crash Data Academy Webinars

July 27th – Florida’s New Strategic Highway Safety Plan

August 25th – Crash Investigation Process

September 29th - Traffic Crash Facts and the FIRES Portal

October 27th – Vulnerable Road Users

November 17th – Commercial Vehicle Enforcement

Dates and topics are
subject to change

December 15th – Legal and Insurance Perspectives on Crash Data

Questions?

Further Questions

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