



**FIRST ANNUAL FSU KARST SYMPOSIUM:
GEOLOGY, HYDROLOGY,
ENVIRONMENT & MORE**

KARST

SYMPOSIUM

**OPEN TO THE PUBLIC
NO ADMISSION FEE!
NO REGISTRATION REQUIRED!**

NOVEMBER 3rd

FOR MORE INFO CONTACT DR. YE AT MYE@FSU.EDU

**INVITED ORAL & POSTER
PRESENTATIONS**

**More than 20 scientists from:
USGS, FDOH, FDEP, FGS, NFWFMD, SJRWMD, FSU, UF, & FAMU**

Related Topics:

Karst geology; Environmental hydrology & fluid dynamics; Sinkhole research; Seawater intrusion;

Spring monitoring; Environment & ecology; Field investigation; Laboratory experiments; etc.

**9AM - 5PM
353 LOVE BUILDING
[DEPARTMENT OF
ATMOSPHERIC SCIENCE] FSU**

FSU 1st Karst Symposium: Geology, Hydrology, Environment, and More

Time: 9AM – 5PM, Friday, November 3, 2017

Location: 353 LOVE Building (See campus map, <http://campus.map.fsu.edu/index.aspx>)

8:30am	Coffee and pastries
09:00 AM – 09:10 AM	Welcome (Jim Tull, EOAS Department Chair)
09:10 AM – 10:10 AM	Dan Doctor (Keynote Speaker), U.S. Geological Survey Title: Classifying karst environments across the United States
10:10 AM – 10:30 AM	Brian Katz, Florida Department of Environmental Protection Title: Using isotopes and other chemical indicators to gain insights into spring water ages and timescales of nitrate contamination in Florida karst systems
10:30 AM – 10:40 AM	Coffee Break
10:40 AM – 11:00 AM	Rob de Rooij, University of Florida Title: How to generate multiple conduit network realizations and why we need them
11:00 AM – 11:20 AM	James W. Jawitz, University of Florida Title: Through the hidden veins of the earth: In situ measurements of karst groundwater flux in the Silver Springshed
11:20 AM – 11:40 AM	Sean McGlynn, Wakulla Spring Alliance Title: Sinking streams and lakes in the Wakulla Springshed
11:40 AM – 12:00 PM	Andy Canion, St. Johns River Water Management District Title: Spatial modeling of elevated groundwater nitrate concentrations using random forests and regression kriging
12:00 PM – 01:30 PM	Catered Lunch for Speakers in Carraway 315
01:30 PM – 02:00 PM	Jonathan Arthur (Keynote Speaker), Florida Geological Survey Title: Emerging Issues in Florida Karst Geoscience
02:00 PM – 02:20 PM	Xueqing Gao, Florida Department of Health Title: Better understanding the impact from onsite wastewater systems to water quality of Florida springs
02:20 PM – 02:40 PM	Celeste Lyon, Florida Department of Environmental Protection Title: Overview of the nitrogen source inventory and loading tool
02:40 PM – 03:00 PM	Karina Khazmutdinova, Florida State University Title: Saltwater intrusion through submerged caves due to the Venturi effect
03:00 PM – 03:10 PM	Coffee Break
03:10 PM – 03:30 PM	Ming Ye, Florida State University Title: A new model for karst spring hydrograph analysis
03:30 PM – 03:50 PM	Clint Kromhout, Florida Geological Survey Title: The favorability of Florida's geology to sinkhole formation
03:50 PM – 04:10 PM	Katherine Milla, Florida A&M University Title: Hydrodynamics of seasonal Ponds in the Munson Sandhills of Leon County, Florida
04:10 PM – 04: 30 PM	Kathleen Coates, Northwest Florida Water Management District Wakulla Spring: Existing knowledge and future opportunities from a water management perspective
04:30 PM – 05:00 PM	Panel Discussion and Closing Remarks

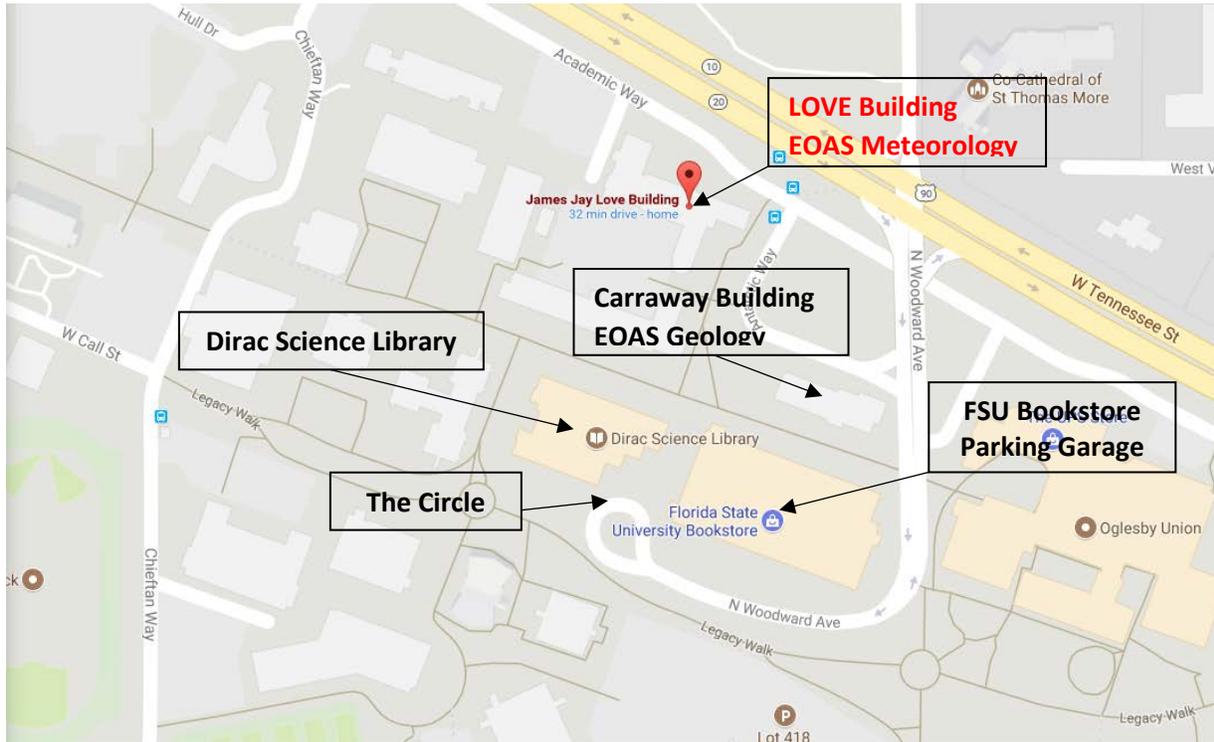
Attendant List

Name	Affiliation
Ming Ye	Florida State University
Stephen Kish	Florida State University
Nicolas Wienders	Florida State University
Karina Khazmutdinova	Florida State University
Brian Woodall	Florida State University
Kassandra Derf	Florida State University
Daniel Doctor	U.S. Geological Survey
Hal Davis	U.S. Geological Survey
Jon Arthur	Florida Geological Survey
Clint Kromhout	Florida Geological Survey
Andy Canion	St. Johns River Water Management District
Sean McGlynn	Wakulla Spring Alliance
Rob de Rooij	University of Florida
James W. Jawitz	University of Florida
Brian Katz	Florida Department of Environmental Protection
Debby Tipton	Florida Department of Environmental Protection
Roeder, Eberhard	Florida Department of Health
Xueqing Gao	Florida Department of Health
Christy Crandall	Florida Department of Health
Alan Willet	Florida Department of Health
Katherine Milla	Florida A&M University
Aavudai Anandhi	Florida A&M University
Kathleen Coates	Northwest Florida Water Management District
Carlos Herd	Northwest Florida Water Management District
Don Pennington	Department of Economic Opportunity
Meredith Tanguay	Wet Rock Diving

Campus Map

The Karst Symposium will be held in Room 353 of the LOVE Building (the building for Department of Atmospheric Science, Department of Mathematics, and Department of Computer Science). An interactive map can be found at <http://campus.map.fsu.edu/index.aspx>.

Below is a map showing the location of the LOVE Building.



Campus Parking

We have reserved 20 1-day Hang-tag parking permits for the guests. The permits allow parking in both red (staff) and white (student) spaces. A graduate student, Brian Woodall, will be at the Circle (marked in the map above) 8:30-9am to hand you the parking permits. You can park in the Garage next to the Circle. Call Brian at 706-975-3249 when you arrive at the Circle. If you arrive after 9am, please stop at the Circle and call Brian.

Questions: Email to Professor Ming Ye at mye@fsu.edu or call him at 850-644-4587 (office) or 850-567-4488 (cell)