



26th ANNUAL KANSAS HYDROLOGY SEMINAR

Sponsored By:
Association of Environmental and Engineering Geologist (AEG) –
Kansas City/Omaha Section

Friday, November 17, 2017
9:00 a.m. to 4:00 p.m.

Kansas History Museum
6425 SW 6th Avenue, Topeka, Kansas

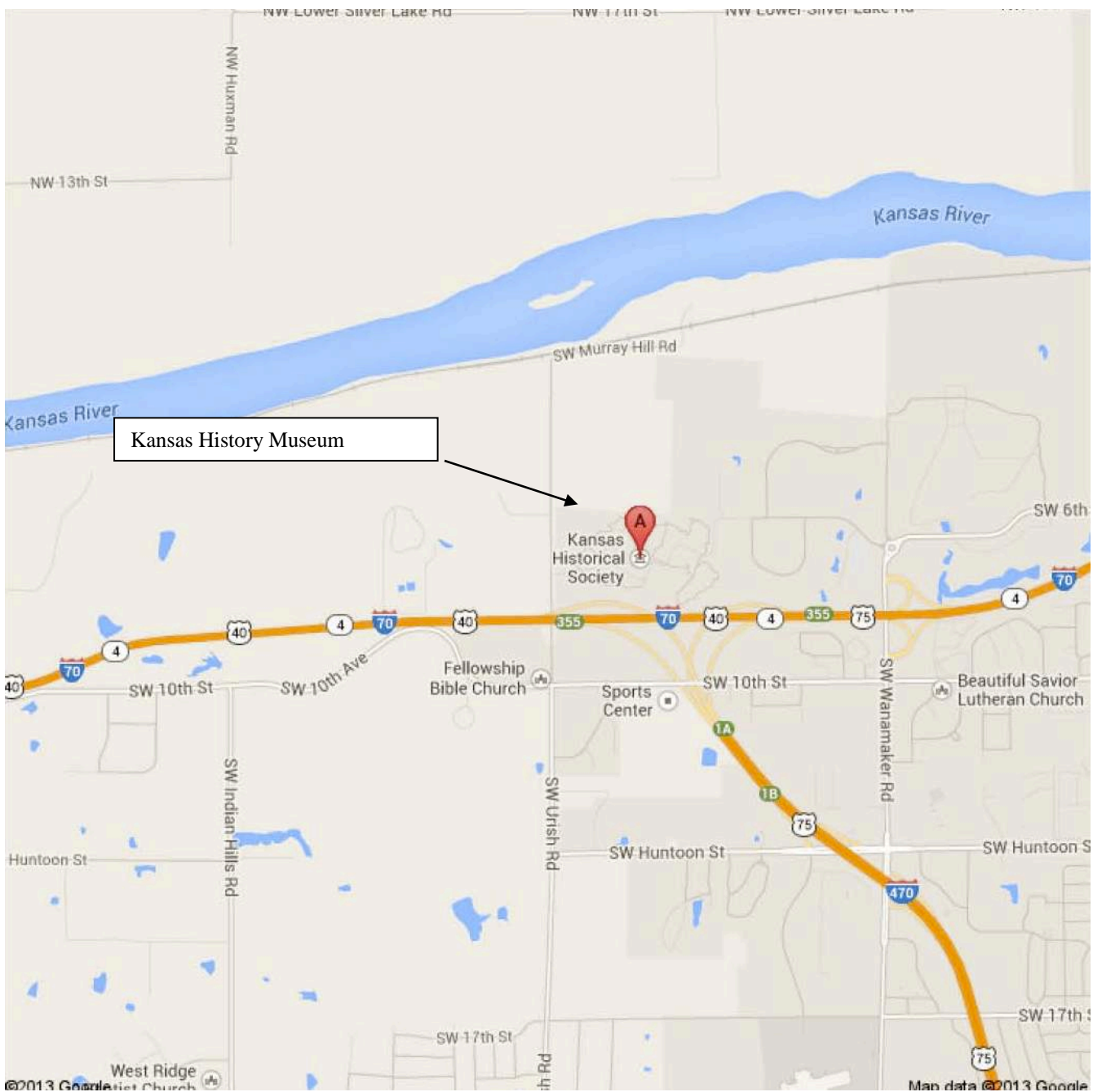
The Kansas City/Omaha Section of AEG invites you to attend the 26th Annual Kansas Hydrology Seminar. A complete program agenda is attached.

TIME AND LOCATION: Registration will begin at 8:15 a.m. with the seminar starting at 9:00 a.m. The seminar will be held at the Kansas History Museum, 6425 SW 6th Avenue, Topeka, Kansas. Directions to the Kansas History Museum are provided on the next page.

CONFERENCE REGISTRATION AND FEES: Registration will be held outside the entrance to the room from 8:15 a.m. to 9:00 a.m. The registration fee of \$50.00 includes meeting expenses, morning and afternoon refreshments, and lunch. Presenters do not have to pay the registration fee. Students with current I.D. can register and attend the entire program for \$10.00. A desk will be at the entrance where fees may be paid in cash or by check. If paying with cash, please try to bring correct change, which will facilitate registration. If paying by check, the check should be made out to "AEG-KCO". Additionally, credit card payment and online registration is available at the following link:
<http://www.aegkco.com/events-2/>

PROFESSIONAL DEVELOPMENT HOURS (PDHs): Individuals who attend the entire seminar will receive a Certificate of Attendance certifying the accomplishment of 6 PDHs.

Please help us in planning for the seminar by e-mailing Theresa Ferguson (theresa.ferguson@atcassociates.com) by Tuesday November 14th to confirm your plans to attend and relay any dietary request.



The Kansas History Museum is located north of the intersection of Interstate 70 and Interstate 470. From I-70 coming from the east, take the Wanamaker Road Exit 356. Take a right on Wanamaker Road (left if coming from the west on I-70). At the traffic circle, take the 3rd exit onto SW 6th Avenue. Turn right to stay on SW 6th Avenue.

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8:15 – 9:00 Registration and Refreshments at the Kansas History Museum
9:00 – 9:15 Welcome & Opening Comments

Morning Moderator

Jim Butler, Kansas Geological Survey

9:15 – 9:45 *Introduction to In-Situ Bioremediation of Groundwater Contaminants* by Craig Dockter: Kennedy/Jenks Consultants

9:45 – 10:15 *Field Testing of an In-Well Point Velocity Probe for the Rapid Characterization of Groundwater Velocity* by T.C. Osorno, J.F. Devlin: University of Kansas, Department of Geology

10:15 – 10:30 Refreshment Break

10:30 – 11:00 *Field Testing of the Low-K Hydraulic Profiling Tool* by Steve Knobbe, Gaisheng Liu, Jim Butler: Kansas Geological Survey

11:00 – 11:30 *Using HPT-GWS Direct Push Tooling to Delineate Uranium and Nitrate Impacts in Groundwater at a Former Fuel Processing Facility* by Jeffrey L. Binder: Burns & McDonnell Engineering Company

11:30 – 12:00 Lunch Setup and Break

12:00 – 1:00 Lunch

The Peopling of the Great Plains at the End of the Ice Age: A Geoarchaeological Perspective – Rolfe Mandel, Director: Kansas Geological Survey

Afternoon Moderator

John McClernon, Chairman, KC/Omaha Section - AEG

1:15 – 1:45 *Field Tests with the OIP-Green DP Photo-Logging System for Detection of Coal Tars* by Wesley McCall, Thomas Christy, Daniel A. Pipp, Ben Jaster, Rick Bean, Ian Smith, and Gary Richards: Geoprobe Systems, Salina, KS; GSI Engineering LLC, Wichita, KS; Kansas Department of Health and Environment, Topeka, KS

1:45 – 2:15 *Measuring Success – State of the Resource: The High Plains Aquifer* by Don Whittemore, Jim Butler, Jr., and Brownie Wilson: Kansas Geological Survey

2:15 – 2:45 *Finding and Preserving “Water From Heaven” in Northeastern Thailand* by Marcia Schulmeister, Rungruang Lertsirivorakul, Tussanee Nettasana, and Katy Schwinghamer: Earth Science Department, Emporia State University, Emporia, KS; Faculty of Geotechnology, Khon Kaen University, Khon Kaen, Thailand; Department of Groundwater Resources, Bangkok Thailand

2:45 – 3:00 Refreshment Break

3:00 – 3:30 *Dredging and Disposal Site Reclamation at John Redmond Reservoir, Kansas* by Matt Unruh: Kansas Water Office

3:30 – 4:00 *TBD* by J.F. Devlin: University of Kansas, Department of Geology

4:00 – 4:15 Closing Comments