Call for Abstracts

The 10th Geotechnical, Geophysical, and Geoenvironmental Engineering Technology Transfer Conference (Geo^{3}T^2)

Hosted by: NCDOT Geotechnical Engineering Unit
Location: Embassy Suites Hotel, Cary, NC
Date: April 9 – 10, 2019

We invite you to submit abstracts (paper submission is optional) for the upcoming 10th Geo^{3}T^2 Conference in 2019. Abstracts/papers are invited on the topics of:

- Subsurface Exploration and site characterization
- LRFD Design Issues
- Nondestructive Testing of Deep Foundations
- Shallow & Deep Foundations,
- Soil Improvement
- Reinforced Slopes
- Rock Slopes
- Slope Stabilization
- Retaining Walls
- Geophysical Engineering
- Geoenvironmental Engineering
- Geopavement Engineering

Important Dates:

February 22, 2019	Abstract Submittal Deadline
March 01, 2019	Notification of Acceptance & Publishing Preliminary Program
March 15, 2019	Paper Submittal Deadline (optional) & Publishing Final Program
March 22, 2019	PowerPoint Presentation Submittal Deadline

Important Information:

- Abstract and Paper: Abstract and paper (if submitted) will be posted on the conference website.
- PowerPoint Presentation: PowerPoint presentation material will be converted to pdf format and posted on the conference website after the conference. If you do not want your presentation materials posted, please state "Do Not Post This Presentation."
- Registration: This conference is non-profit and self-sustained; all authors must complete registration and pay registration fee to attend the conference.

Please send abstracts/papers/PowerPoint presentations by email to:

Email Address: geo3t2@ncdot.gov
Email Subject: **Geo3T2 Abstract** (or Paper or PowerPoint Presentation)

For more details please visit conference website:

- https://connect.ncdot.gov/events/Pages/Geo3T2conference.aspx

If you have any questions please contact:

- Conference Email: geo3t2@ncdot.gov, or
- Scott Hidden (P: 919-707-6856, shidden@ncdot.gov), or
- Chris Chen (P: 919-707-6876, cchen@ncdot.gov), or
- John Pilipchuk (P: 919-707-6850, jpilipchuk@ncdot.gov)
- Address: NCDOT Geotechnical Engineering Unit
  1020 Birch Ridge Drive, Raleigh, NC 27610

ABSTRACT/PAPER SUBMISSION GUIDELINES

Abstract length should be limited to 200 to 400 words (paper length should be limited to 5,000 words), single spaced, 12-point Times New Roman font type, left justified, 1 inch margin (top, bottom, left, and right), without figures or photos, in Microsoft WORD format (2010 or later).

The abstract should include:
Title, Author's name(s), Affiliation, and Contact information (address, phone numbers, and emails)

SAMPLE ABSTRACT FORMAT

1st Author's Name
Affiliation
Address
Phone Number
Email Address

2nd Author's Name
Affiliation
Address
Phone Number
Email Address

3rd Author's Name
Affiliation
Address
Phone Number
Email Address

4th Author's Name
Affiliation
Address
Phone Number
Email Address

ABSTRACT

Timber piles are widely used for supporting bridges, piers, wharves, and other marine structures. As they age, it becomes critical that their in situ condition be assessed so their remaining service life can be evaluated. Current inspection methods involving visual examinations and sounding tests are unable to quantitatively disclose a pile's degree of deterioration, depth of penetration, or remaining load-bearing capacity. Years of exposure to wood-decomposing fungi and weathering may have substantially decreased a pile's effective cross-sectional area, so that the pile can no longer function as originally intended. A study was conducted in which nondestructive dispersive wave propagation tests were applied to both laboratory pile models and field timber piles. …