

# MICHAEL E. SMITH, PE

## PRINCIPAL

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TEMPE, ARIZONA 85283  
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Michael Smith is a Principal for the Phoenix Office of Smith & Annala Engineering Co. (SAECO). Mr. Smith has over 18 years of experience in the Geotechnical Engineering, Construction Materials Engineering & Testing, and Environmental Services fields. He co-founded SAECO with Michael S. Annala in 2011. SAECO provides Geotechnical Engineering and Construction Engineering related services to clients across Arizona.

Mr. Smith's role at SAECO involves client development, engineering oversight, employee development and strategic planning for the firm from inception through achieving its vision to become a multi-state, multi-office operation during the next 3 to 5 years.

During the past 15 years Mr. Smith has served as a Construction Engineering Department Manager for 2 large national engineering firms in the Phoenix area. During these roles, Mr. Smith has directly managed more than \$50M in engineering services with typical department sizes ranging from 25 to 60 people. Mr. Smith has been involved in numerous technical project roles related to asphalt concrete pavements. He has completed ADOT asphalt concrete mix designs, Engineering Analyses, and pavement materials evaluations for various state and local agencies.

Several clients utilize Mr. Smith to perform asphalt concrete pavement evaluations and recommendations associated with pavement rehabilitation options. This work has included participating in the life cycle analysis of various pavement rehabilitation options to ensure maximum benefit based upon the owner's objectives. Mr. Smith has also assisted various state and local agencies with the development of testing procedures and specifications to ensure the quality of asphalt pavement construction.

Technically, Mr. Smith has performed various engineering functions from completing asphalt concrete, Portland cement concrete, and soil-cement mix designs; maintaining government agency/laboratory accreditations; development of QA/QC testing programs; development of engineering test procedures; completing pavement design and pavement design evaluation; and serving in various project technical roles.

Mr. Smith developed the services and staff at Terracon during his time there from 1999 to 2011. The group performed approximately \$750k in annual revenues prior to his arrival. By 2001 the staff size and revenues had doubled. By 2005, the annual revenues had reached \$6M. To achieve these growth levels, Mr. Smith led an aggressive business development strategy that placed Terracon among the leading service providers in the industry.

Mr. Smith was selected to become a faculty associate of the Del E. Webb School of Construction at Arizona State University in 2004. Since then he has taught Construction Materials Testing 310 (CON 310) to more than 1,000 future construction professionals.

## EDUCATION

BS Civil Engineering  
Michigan State University, East Lansing, MI

## PROFESSIONAL REGISTRATION

Arizona Professional Engineer, Civil  
(#32340)

## FORMER PROFESSIONAL AFFILIATIONS

ASCE, Phoenix Branch Younger Member  
Forum President  
Arizona Builders Alliance  
Maricopa Association of Governments(MAG),  
Specifications & Technical Committee  
Associated General Contractors (AGC)  
Arizona Rock Products Association (ARPA),  
Concrete Technical & Education Committee  
American Institute of Architects (AIA)  
American Concrete Institute (ACI),  
Examiner

## CURRENT PROFESSIONAL AFFILIATIONS

Arizona Rock Products Association (ARPA),  
Asphalt Paving & Technical Committee  
Arizona Department of Transportation  
(ADOT)  
Technical Advisory Board (TAB)

