



Science and Engineering Alliance, Inc.

The National Ecological Observatory Network, Inc. (NEON) Board of Directors and scientific staff requested that Science and Engineering Alliance, Inc. (known as SEA), contribute information on the NEON Satellite Site (NSS) program it is developing for inclusion in a time capsule that will remain sealed for the 30-year lifetime of the Observatory. The information that follows was included in the NEON Time Capsule that was buried in 2011 and not scheduled to be opened until the year 2041.

SEA was founded in 1990 as a nonprofit, 501(c)(3) tax-exempt consortium to serve four state-supported Historically Black Colleges and Universities (HBCUs) and a national laboratory. The four schools are Alabama A&M University (AL), Jackson State University (MS), Prairie View A&M University (TX), and Southern University and A&M College (LA). The national laboratory is Lawrence Livermore National Laboratory (CA). The purpose of SEA is to help ensure an adequate supply of competitive American scientists and engineers, while meeting the research and development needs of the public and private sectors. The strength of SEA is an understanding of its members that the *"sum is greater than the individual parts."*

SEA Mission

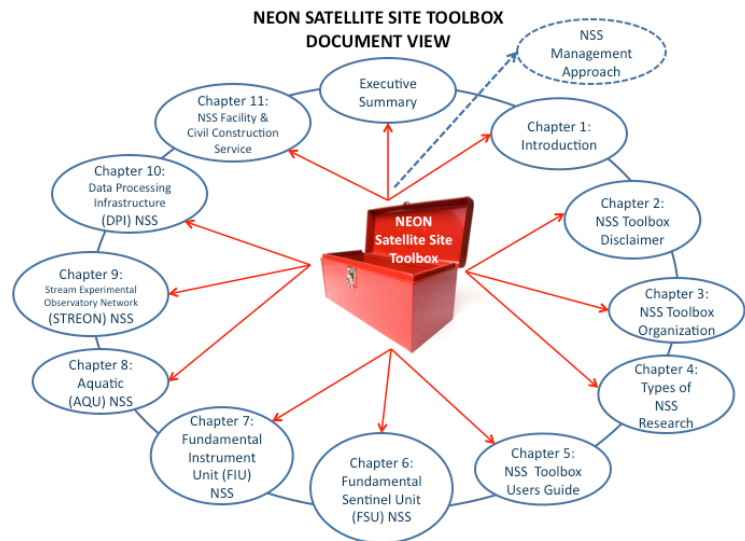
To broaden participation in federally funded research initiatives by creating access and opening doors of opportunity for underutilized individuals, institutions and regions that do not participate in federally funded research at the rate comparable to others.

SEA Vision

To be known as the *"one-stop unique resource"* for broadening participation in federally funded research initiatives.

SEA Neon Satellite Site (NSS) Program

The NEON Satellite Site (NSS) program was initiated by SEA in 2009. The mission of the program is to ensure the inclusion of HBCUs and other minority-serving institutions (MSIs) in the 30+year NEON science program through the planning, development, implementation and operation of NSSs across the NEON Domain sites continent wide. The vision for the SEA NSS program is two-fold: (1) identify the research capacity at HBCUs/MSIs, small majority institutions and other organizations as it relates to NEON science; and (2) provide opportunities for underutilized and underrepresented communities to utilize their capacity to participate in the understanding and forecasting of future states of ecological systems for the advancement of science and the benefit of society. The NSS program is being developed in the form of a Toolbox (see graphic depiction to the right). The schematic provides a high-level view of the chapters included in the NSS Toolbox.



SEA Board of Directors: George Wright, Chair SEA Board and President, Prairie View A&M University, Andrew Hugine, President, Alabama A&M University, Ron Mason, President, Jackson State University, James Llorens, Chancellor, Southern University and A&M College and Associate non-voting members: Janet Tulk, Special Assistant to Director, Lawrence Livermore National Laboratory and Thomas Poindexter, Partner, Morgan, Lewis & Bockius Law Firm

SEA Steering Committee: Willie Trotty, Prairie View A&M University, Tommy Coleman, Alabama A&M University, Abdul Mohamed, Jackson State University, Diola Bagayoko, Southern University and A&M College, Tommy Smith, Lawrence Livermore National Laboratory

SEA Staff: Don Bowie, SEA NEON Program Manager, Mahetemet Gebremedhin, SEA Staff Scientist, Eva Owens, SEA Researcher, Halima Adasi, SEA Consultant, Tanisha Eaton, Administrative Assistant to Executive Director, and Robert Shepard, Founding Executive Director, SEA

Buried in the NEON Time Capsule at a Special Ceremony held in Boulder, CO in May 2011. To be opened May 2041.