Since its establishment in 1874, The University of Adelaide (https://www.adelaide.edu.au) has developed a reputation for excellence in teaching, learning and research. From the start, the University has been one of Australia's most progressive institutions. It was the first Australian university to grant degrees in science, the first to establish a Conservatorium of Music and the first to admit women in academic programs. Today, the University of Adelaide is one of Australia's most prestigious universities and is a Member of the Group of Eight: Australia's leading research universities (https://go8.edu.au).

As envisioned in The University of Adelaide's Beacon of Enlightenment (Strategic Plan 2013-2023), strategic Priority Partners have been identified that will lead to opportunities for external funding, resources and further collaboration. In addition to research collaboration, the universities may also engage in student and staff mobility, student articulation, dual degrees, joint partnerships and conferences, and areas of community engagement. NC State University is among the nine Priority Partners, and is the only US institution.

The university is located in the Adelaide CBD, the state capital of South Australia. It is a multicultural city with people from over 200 different countries of origin. Adelaide is Australia's most affordable capital city with a wide range of activities and attractions including festivals, beaches, nature and the outback.

Due to the strategic international partnership between The University of Adelaide and NC State University there are several resources available at both institutions to help develop or grow relationships across all realms. Most notably is the Adelaide – NC State Starter Grant for Research Collaboration administered by the Office of International Affairs (https://international.ncsu.edu). Beyond research, other forms of collaboration may be supported via the NC State International Seed Grant program. In addition, there may be other incentives and resources available at the College or Departmental levels at both institutions to foster collaboration.

Opportunities for Collaboration

Curriculum Integration

Semester long student exchange programs at the Civil Engineering (14CEBS) sophomore and junior year levels are being finalized. Course equivalencies of common sophomore level mechanics courses will enable broader participation by students across many departments in the College of Engineering. This new opportunity will complement existing faculty lead summer study abroad programs with the aim of enhancing the global perspective of civil engineering students. Twenty-two students participated in a Summer Study Abroad program at The University of Adelaide.

Research Collaboration

To-date research collaboration is focused on structural engineering relating to the global problem of ageing critical civil infrastructure by repair or strengthening using advanced materials to enhance the resilience of the built environment. Future plans expect to broaden the collaboration to include other civil engineering disciplines. With the support of the Adelaide-NC State Starter Grant for Research Collaboration, one joint paper has been submitted to the American Society of Civil Engineers (ASCE) Journal of Structural Engineering, and two joint Australian Research Council (ARC) – Discovery Projects research proposals have been submitted for review, with total funding requested more than AUD $1 Million.

Civil Engineering Collaboration

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Global Engagement Exposition
NC State University – Talley Student Center
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