

Civil Infrastructure Systems (BS)
Commence Fall 2010
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The following universities have programs in Civil Infrastructure Systems

- Cornell University
- Carnegie Mellon
- Worcester Polytechnic Institute
- Polytechnic University

Scopus covers subjects relating to civil infrastructure systems. SPIE digital library should be added since lack of access to this database represents an existing gap that will only be worsened by the addition of this program.

I did a search in Scopus on this subject and obtained a ranked list of journals. The following journals which ranked high on the list are not held by the NJIT Library. These journals would support a program in Civil Infrastructure Systems:

Proceedings of the Institution of Civil Engineers- Civil Engineering	\$245
Proceedings of the Institution of Civil Engineers- Municipal Engineering	\$234
Reinforced Plastics	\$534
Military Engineer	\$66
Journal of Intelligent Material Systems and Structures	\$2,415
SAMPE Journal	\$85
Geotechnical Special Publication	\$1,000
Journal of Reinforced Plastics and Composites	\$6,216
Composites Technology	
Total	\$10,795

We should also augment our book collection in the following subjects and use the collections of the above universities as a guideline:

- Structural analysis (engineering)
- Structural optimization
- Earthquake Engineering
- Structural Dynamics

I would estimate we would need 100 books a year at \$80/book for \$8,000/year