The Bridge Between Science and Humanity
DeSimone Consulting Engineers provides world-class structural engineering services to architects, owners and developers. We design some of the most challenging projects in the world’s most competitive markets.

Founded in New York City in 1969, the firm has grown to have offices worldwide. Our offices are organized to support our clients around the country and around the globe. To date, we have designed projects in 40 states and 18 countries.
Dedicated to the successful execution of program design concepts and the optimization of structural systems, DeSimone has designed some of the world’s most recognizable structures. We are interested in new challenges and industry advancement, thus we seek out opportunities that extend our capabilities and distinguish us from our peers. Our breadth of service demonstrates our ongoing commitment to superlative performance-based design.

As consulting engineers, DeSimone performs a full-range of structural engineering services for all types of building projects including:

- Structural Design
- Construction Services
- Pre-Purchase/Due Diligence
- Feasibility Studies
- Forensic Engineering
- LEED/Sustainable Design
- Peer Review
- Base Isolation/Damping Consultation
- Performance-based Design
- Risk Assessment/Risk Integration
- Renovation/Preservation
- Specialty Structures
New York  1969
Miami   1975
San Francisco  1992
New Haven  2004
Las Vegas  2005
Abu Dhabi  2008
Boston   2014
Medellín  2015
Our firm utilizes a design approach that relies on Principal involvement and a philosophy that stresses “doing more sooner.” Principal involvement in the concept and schematic phases is extremely important in that various concepts can be developed and quickly tested. DeSimone works very closely with the project’s architectural team and more importantly ownership to fully understand the issues driving a project. Our work cannot be performed in a vacuum. Market conditions and material availability are significant factors driving project decisions. It is important for these issues to be addressed within the preliminary design phases.

DeSimone is also committed to “Start to Finish Project Staffing.” Therefore the dedicated design production team for your project will continue on throughout the construction phase. Our philosophy is that the team members who developed the schematic design plans and working drawings are best suited to resolve any issues that arise in the field during the construction process.
With the ongoing industry focus on sustainability, DeSimone has devoted significant resources towards understanding green issues as they apply to structures. DeSimone continuously stresses structural optimization as a means to reduce material use, thus minimizing a project’s environmental impact. Our efforts in combination with our extensive sustainable experience allow us to fully support and advance our clients’ green agendas in our practice and within our work.

DeSimone also fully promotes sustainability within our built environment. We strive to minimize our impact on the environment by endorsing sustainable and conservation ideals throughout all of our operations.
DeSimone has designed numerous challenging projects in some of the most seismically active regions of the world. We routinely utilize site-specific ground hazard information to ensure that our projects are designed for accurate local hazards. We are an industry leader in the utilization of next generation performance-based design techniques for high rise buildings. This allows us to utilize non-linear time history analyses to justify the reduction of reinforcing in areas of buildings that actually need less than otherwise required by code, while simultaneously allowing us to more accurately predict the response of a building to real earthquakes.
Building Information Models (BIM) are emerging as the new standard with respect to project documentation and design deliverables. The living three-dimensional models that are created serve as the dialogue by which design teams can coordinate the systems of a building. These models also serve as an aid to contractors by providing real-time visual references and continue to evolve during the life span of the building as a tool for data and systems or even personnel management. DeSimone actively works in the following BIM platforms: CATIA, Digital Project, Rhinoceros, Revit and 3D AutoCAD.
High-Rise
220 Central Park South
New York, New York
One Thousand Museum Tower
Miami, Florida
The Standard
New York, New York
Regent Emirates Pearl Hotel
Abu Dhabi, UAE
HL 23
New York, New York