

2023 SUNY ESF

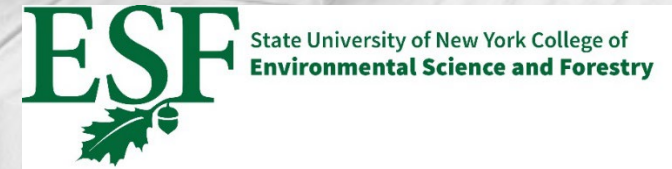
NYS MASS TIMBER STUDENT DESIGN COMPETITION

COMPETITION BRIEF

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For more information on NYS Mass Timber
Competition go to:
<https://www.esf.edu/dc/masstimber/competition.htm>



INTRODUCTION

The competition seeks innovative designers to develop and apply timber construction concepts and strategies to develop a mass timber design which incorporates appropriate fabrication and assembly methods.

The design competition is structured to engage NYS stakeholders in the academic community, and connect them in collaboration with leading fabricators, designers, and thinkers from around the world.

Design Proposals must address the principal challenge:

- Design of a library addition built on top of (“overbuild”) the current two-story structure.
- Selection of appropriate mass timber materials, and fabrication and assembly methods
- Use of Northeast native softwood and hardwood species, or exploration of appropriate supply chain alternatives.
- Use of digital fabrication technology
- Demonstration of project scalability



COMPETITION SITE

SUNY ESF F. Franklin Moon Library. Built in 1968, Moon Library is home to one of the nation's best collections of books and materials dedicated to the environment and natural resources fields. Competition entries for this site must propose an upper-level mass timber addition to the library's two-level, 42,450 square foot concrete structure.

Successful design proposals will embrace mass timber design strategies, solving multiple challenges including material sourcing, sustainable fabrication and construction methods, and visual/aesthetic connection of the design to its location. Designs will be economically and socially sustainable, inclusive and equitable, and visually compelling. Individuals or teams may submit Design Proposals. (Image licensed through Wikimedia <https://commons.wikimedia.org/wiki/File:Moon-Library-SUNY-ESF-July-2014.jpg>)

A site information package including GIS information, a campus Sketchup model, etc. is available at <https://www.esf.edu/research/centers/masstimber/competition.php>



SUBMISSION REQUIREMENTS

Proposals must be submitted via web upload and in PDF format and include the following:

PROJECT TITLE

RESPONDENT INFORMATION: Lead team member email address and other contact information.

TEAM SUMMARY: List of team members, expertise, and contribution to the submission.

DESIGN NARRATIVE: Provide up to 500 words, including: a research statement.

DESIGN PROPOSAL BOARD: Provide one 36" H x 42" W board (PDF). Boards must include:

- Description and diagrams of principal design technique.

- Section details showing application of design techniques to project.

- Material dimensions and quantities, including map outlining physical area of sourced harvested timber

- Map or other visual matrix of sustainable material sourcing and processing

- Design drawings including visualizations of proposed project including plans, site sections, perspectives, etc.

- Optional: Description and photographs of 1:1 applied physical prototype experiments supporting principal design techniques.



REGISTRATION

To register your team, send an email to masstimber@esf.edu with a team summary including a list of team members, professional/institutional affiliations, and email contact information for all team members. A primary contact must be identified.

ELIGIBILITY

This call for entries is open to individuals or teams comprised of full-time students at NYS-accredited institutions of higher education in the disciplines of sustainable design, engineering, forestry, construction management, architecture, landscape architecture, urban planning, art, and other allied disciplines. Submissions by multi-disciplinary teams are encouraged. NYS residents who are full-time matriculated students at other accredited institutions of higher education are also eligible.

COMPETITION SCHEDULE

Competition Announced: August 15, 2023

Registration Deadline: October 30, 2023

Submission Deadline: December 23, 2023

Awards Announced: Mass Timber Symposium,
Spring of 2024



AWARDS

3 winning proposals will be selected per competition site. A total of **\$1,900 (US)** in prize money is to be paid to competition winners as follows:

First Place: \$1000

Second Place: \$600

Third Place: \$300

JURY:

The jury will consist of selected members from the NYS design and construction community with expertise in mass timber design and construction.

EXHIBITION:

Selected projects will be announced and exhibited at the following year's NYS Mass Timber Symposium.

HOW TO SUBMIT

Submit two PDF files in a single zip archive. Submission must include a text-only PDF document including project title, respondent information, team summary, and design narrative. Submission must also include a high-resolution, minimum 300dpi design proposal board.

Submission must be made to masstimber@esf.edu by the entry deadline

DISCLAIMER: OWNERSHIP AND FUTURE USE OF THE PROPOSALS

By taking part in this competition, entrants authorize the publication, exhibition, and dissemination of their proposals, while the designer(s) retain authorship of their proprietary designs. The SUNY ESF Mass Timber Construction team may edit the content of proposals or use only portions of proposals in order to make the proposals public. The SUNY ESF Mass Timber Construction team is not committed to selecting any of the entrants, including the winners of the competition, for future design work or contracts. The SUNY ESF Mass Timber Construction team is not committed to develop or implement any of the ideas submitted. The SUNY ESF Mass Timber Construction team or any related entities may base future designs for the project on components of proposals. With respect to the proposals in whole and in any part, each entrant grants to the SUNY ESF Mass Timber Construction team or any related entities a perpetual non-exclusive license with the right to sublicense, to display, reproduce, prepare derivative works, and distribute copies of the proposals, and to create and participate in creation of buildings and other three dimensional structures that are depicted in any architectural designs or architectural works that are included in the proposals. Each entrant hereby confirms they have the full right to grant this license.