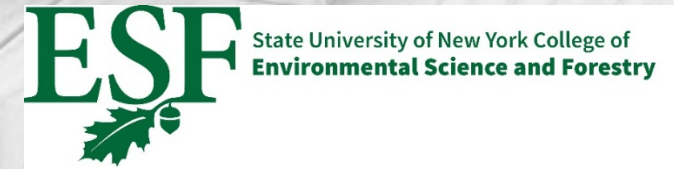


2021 SUNY ESF  
**NYS MASS TIMBER  
STUDENT DESIGN  
COMPETITION**  
COMPETITION BRIEF

# CONTENTS

- 3 INTRODUCTION
- 4 COMPETITION SITES
- 5 SITE INFORMATION PACKAGE
- 6 SUBMISSION REQUIREMENTS
- 7 REGISTRATION, ELIGIBILITY, COMPETITION SCHEDULE
- 8 JURY, AWARDS, SUBMISSION + EXHIBITION
- 9 DISCLAIMER

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



# INTRODUCTION

The competition seeks leading students to develop and apply new concepts and strategies to develop a mass timber design which incorporates innovative 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 small pavilion or library addition build on top of current first floor.
- Development of mass timber fabrication and assembly methods
- Use of New York State native softwood and hardwood species
- Use of digital fabrication technology
- Demonstration of project scalability



## COMPETITION SITES

Entries may consist of either of the following project sites and programs:

**SITE #1:** SUNY ESF bus stop. This site consists of a small bus stop and adjacent lawn area opposite a large student parking lot. Competition entries that use this site must propose a mass timber bus stop pavilion shelter.

**SITE #2:** SUNY ESF F. Franklin Moon Library. Built in 1968, Moon Library is home to one of the nation's best collections of books and educational 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 for a single site or both sites. If submitting for both sites, two separate proposals must be submitted.



SITE 1: SUNY ESF Bus Stop



SITE 2: SUNY ESF F. Franklin Moon Library

# 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](mailto: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

Call For Proposals: January 10, 2021

Submission Deadline: March 1, 2021

Awards Announced: April 1, 2021



# AWARDS

3 winning proposals will be selected per competition site. A total of **\$7,000 (US)** in prize money is to be paid to competition winners as follows:

Prize money <b>\$7,000</b>	
1st Prize, Site #1 <b>\$1,000</b>	1st Prize, Site #2 <b>\$2,500</b>
2nd Prize, Site #1: <b>\$750</b>	2nd Prize, Site #2 <b>\$1,500</b>
3rd Prize, Site #1: <b>\$500</b>	3rd Prize, Site #2 <b>\$750</b>

## JURY:

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

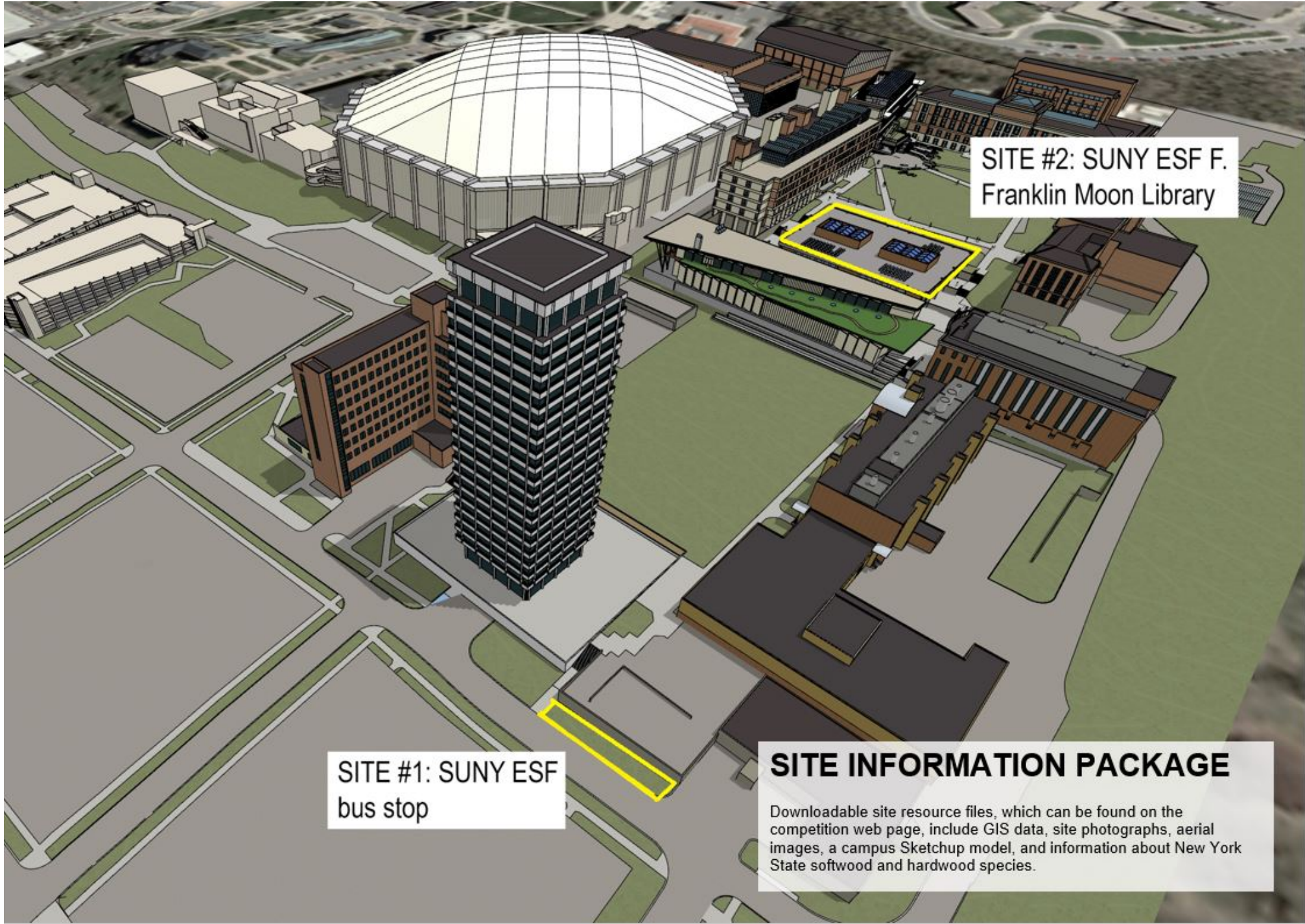
## EXHIBITION:

Awarded projects, and other selected projects, will be exhibited at the Second Annual NYS Mass Timber Conference at SUNY ESF in 2021.

## 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 portal will be posted to the competition web site, <https://www.esf.edu/dc/masstimber/competition.htm>. Submission portal will open on February 20<sup>th</sup>, 2021 and will close at midnight Eastern on March 1<sup>st</sup> 2021. All submissions must be received by midnight on March 1<sup>st</sup> to be eligible.



**SITE #2: SUNY ESF F.  
Franklin Moon Library**

**SITE #1: SUNY ESF  
bus stop**

**SITE INFORMATION PACKAGE**

Downloadable site resource files, which can be found on the competition web page, include GIS data, site photographs, aerial images, a campus Sketchup model, and information about New York State softwood and hardwood species.



#### **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.