



Design Pittsburgh 2018

Excellence in Sustainability + Resiliency Award Submission Criteria

This award does not require a separate submission in order to be eligible, meaning any built project submitted in any category can also be considered for the Sustainability + Resiliency Award. You must state that you wish the project to also be considered for this award to be included in the Sustainability + Resiliency Award judging. There is no additional entry fee to do so.

ELIGIBILITY

- Sustainability envisions the enduring prosperity of all living things, while sustainable design seeks to create communities, buildings, and products that contribute to this vision.
- Resilience is the capacity to adapt to changing conditions and to maintain / regain functionality and vitality in the face of stress or disturbance, while resilient design is the intentional design of buildings, landscapes, communities, and regions in response to these vulnerabilities.

This award recognizes built projects that have successfully integrated sustainable and / or resilient building strategies and practices into the design. This category is open to members of AIA Pittsburgh, or any member of any AIA chapter across the country who has a project in the [11-county area](#) represented by AIA Pittsburgh. All projects MUST have at least one AIA Pittsburgh architect on the project team. All submissions for the AIA Pittsburgh Design Awards Competition can only be submitted by an AIA Pittsburgh architect. The project completion date cannot be more than five years old. All judging will be completely anonymous.

SUBMISSION REQUIREMENTS

Submit Digitally via DropBox

For every design award submission, you must provide an **Electronic Submission Folder** and a **Design Board**. Each submission shall be presented on a 40" x 40" x 1/2" board, as well as a digital submission in your personalized DropBox folders, to which you will be invited by AIA Pittsburgh. Projects will be judged from the electronic submission materials; boards will be used for exhibition purposes only. Projects that have previously received an AIA Pittsburgh Design Award are not eligible for re-submission. Projects which were submitted last year but did not receive an award may re-use 40" x 40" design boards. References to previous awards or project publications shall be considered reason for disqualification.

Here's how it works:

1. On your Submission Request Form, please include the name of the person in charge of uploading all submission criteria to DropBox as the company contact.



2. Once AIA Pittsburgh receives your Submission Request Form, the company contact will receive an invitation to a personalized DropBox folder for your firm. If you are submitting more than one project, you will find individual Project Folders within your Firm Folder.
3. For example, if ABC Architecture is submitting three projects, the company contact for ABC Architecture will receive a DropBox invitation to the folder titled “ABC Architecture.” Within this folder, they will find the following folders: “Project 1,” Project 2,” and “Project 3,” one folder for each presentation submission.

1. Electronic Submissions

For each project entry, please include the following items in your firm’s electronic submission folder via DropBox.com:

- Project Identification Form
- Project Summary Sheet
- Three images of your project for use in promotional publications
- Digital Project Presentation (PowerPoint or PDF Presentation)

➤ **Project Identification Form**

For AIA Office Use

- You will find the form in your DropBox folder. Simply download the form and fill it out accordingly
- Upload the form to your DropBox folder

➤ **Project Summary Sheet**

For Jury Use

- The one-page project summary sheet **must** include:
 - Key project images
 - An at-a-glance abridgment of the project

➤ **Three Images of Your Project**

For Promotional Publications Including Use on aiapgh.org, Social Media, and Various Media Outlets

- Each of the 3 images should be saved as a JPEG
- Each should not exceed 1000 x 1000 pixels at 100 dpi (resolution)
- Name the files: ProjectName_1, ProjectName_2, ProjectName_3
 - If images include photos from multiple photographers, include their last name in the image title

➤ **Digital Project Presentation Requirements (PowerPoint or PDF):**

For Jury

- Images within the presentations should be 72 dpi.
- Title slide or page should include the **name of the project, project type** (commercial, residential, etc.) and the **status** (date of completion: project cannot be more than five years old).
- Maximum of 15 slides/pages, not including title page.
- Reference to the firm anywhere in the presentation will result in disqualification, and no members of the firm should appear in any of the images.
- **Additional images are encouraged.** Site plans, elevations, photographs of the project, and other descriptive drawings should be included in the presentation, as well as on the design boards. (These images should also be reduced to fit the digital size requirements as listed above.)
- The 3 images submitted for promotional materials should also appear in the PowerPoint or PDF presentation.



2. Design Boards

Note: AIA Pittsburgh is in the process of collecting best practices in design boards to ensure we are supporting a sustainable approach. The Gatorboard we have used for years is not recyclable and we will be moving towards using a biodegradable board starting this year and becoming mandatory next year (2019). Existing boards from 2018 or earlier that are being re-submitted from past Design Pittsburgh competitions will be accepted through 2020. This year we strongly encourage firms to opt for the biodegradable board (which doesn't support taping the edges) for your project submissions, called Falconboard.

Required! One presentation board must accompany every project entry. The board must be a 40" x 40" x 1/2" frameless board. Each board shall be composed of drawings, photoprints, and other depictions of information to convey the project. Firm identification should be included on the boards. Board content shall be either dry mounted images or dry mounted digital output. **Failure to submit a board will result in disqualification from the competition.**

Specific to the Sustainability + Resilience award submissions, include on the board exemplary qualities for any number of the ten measures in the judging criteria (following), such as data on the project's energy efficiency (EUI) or air / lighting quality.

JUDGING CRITERIA

The Sustainable Design Award entries will be judged by measuring the architect's performance against each of the ten measures below, not in relation to other projects. Thus, projects of ordinary program or modest budget can merit an award based on the architect's skill in optimizing the design opportunity.

Measure 1: Design for Integration

Sustainability is essential to design excellence, and vice versa. Describe how the design is shaped around the project's goals and performance criteria, providing both utility and delight. Give examples of how individual design strategies provide multiple benefits across the full triple bottom line of social, economic, and environmental value.

Measure 2: Design for Community

Sustainability is inextricably tied to the wellness of communities. Describe specifically how community members, inside and outside of the project boundaries, benefit from the project. How were community members engaged during the design and development process? How does the project promote social equity at local, regional, and global scales? How does the project promote improved air quality through efforts to reduce carbon in the production of the building?

Measure 3: Design for Ecology

Sustainable design protects and benefits natural ecosystems and habitat in the presence of human development. How does the site relate or respond to the surrounding ecosystem? How does the project contribute to biodiversity and the preservation or restoration of habitats and ecosystem services?

Measure 4: Design for Water

Sustainable design conserves and improves the quality of water as a precious resource. Illustrate how water flows through the building and site, including major water conservation and storm water management strategies. How does the project relate to the regional watershed? Describe strategies to reduce reliance on municipal water sources. Does the project recapture or re-use water?

Measure 5: Design for Economy

Providing abundance while living within our means is a fundamental challenge of sustainability. How does the project provide "more with less"? Possibilities include "right sizing" the program, cost-effective design decisions, economic performance analysis, economic equity strategies,



notable return-on-investment outcomes, contributing to local and disadvantaged economies, etc. Identify any additional first-cost investments and how they are anticipated to improve life-cycle costs and longer-term economic performance.

Measure 6: Designs for Energy

The burning of fossil fuels to provide energy for buildings is a major component of global GHG emissions, driving climate change. Describe any energy challenges associated with the building type, intensity of use, or hours of operation, and how the design responds to these challenges. Describe energy-efficient design intent, including passive design strategies and active systems and technologies. How are these strategies evident in the design, not just the systems? Provide the predicted (site EUI) and the actual-if available (site EUI).

Measure 7: Design for Wellness

Sustainable design supports comfort, health, and wellness for the people who inhabit or visit buildings. Describe strategies for optimizing daylight, indoor air quality, connections to the outdoors, and thermal, visual, and acoustical comfort for occupants and others inside and outside the building.

Measure 8: Design for Resources

Sustainable design includes the informed selection of materials and products to reduce product-cycle environmental impacts while enhancing building performance. Describe efforts to optimize the amount of material used on the project. Outline materials selection criteria and considerations, such as enhancing durability and maintenance and reducing the environmental impacts of extraction, manufacturing, and transportation. Identify any special steps taken during design to make disassembly or re-use easier at the building's end of life. What other factors helped drive decision-making around material selection on this project?

Measure 9: Design for Change

Reuse, adaptability, and resilience are essential to sustainable design, which seeks to maintain and enhance usability, functionality, and value over time. Describe how the project is designed to facilitate adaptation for other uses over the life of the building and/or how an existing building was repurposed. Describe the project's resilience measures: How does the design anticipate restoring or adapting function in the face of stress or shock, such as natural disasters, blackouts, etc.? How does the project address passive survivability (providing habitable conditions in case of loss of utility power)?

Measure 10: Design for Discovery

Sustainable design strategies and best practices evolve over time through documented performance and shared knowledge of lessons learned. What lessons for better design have been learned through the process of project design, construction, and occupancy, and how have these been incorporated in subsequent projects? Describe ways the lessons have been shared with a larger audience (publications, lectures, etc.) and any ways the project may have influenced industry practices. Describe the processes used to maintain a long-term relationship between the design team and those occupying and operating the building and identify how both the users and designers benefited.

The awards given will be:

Award of Excellence - The jury may elect to choose one or more projects for this award. Note: This award will be judged by a local jury of sustainability and resilience experts.

People's Choice Award - This category reflects the public's popular vote for a favorite project. Votes will be collected on the AIA Pittsburgh's online exhibit featuring Design Pittsburgh's Design Award Submissions.



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DEADLINES

Friday, August 17th: Submission Request Forms must be received by AIA Pittsburgh.

Friday, August 24th: Your DropBox folder(s) must contain all required elements for the project submission to be eligible for judging.

Friday, September 21st: Boards must be received by the AIA Pittsburgh office by 5:00 p.m. to be included in the Design Awards Exhibit.

LIABILITY CLAUSE

AIA Pittsburgh assumes no liability for original drawings and other submission materials or loss or damage to any part of the submission. AIA Pittsburgh retains the right to reproduce any of the submission materials in its publications, educational programs, and web site.

Please check all information for correct spelling and accuracy since it will be used for publication. By making a submission, the entrant agrees that the information contained in this form is correct and complete, and that the entrant will hold harmless AIA Pittsburgh for any and all damage arising out of the use of the information contained herein. Any errors or omissions are the complete responsibility of the entrant.

The entrant further certifies that permission has been obtained from the owner, developer, and photographer of the project to publish photographs, drawings, and other information included in the submission (and releases and authorizes AIA Pittsburgh to use all such materials).

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