



THE AMERICAN INSTITUTE OF ARCHITECTS

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Summary

Key:

✓ = Section
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Submission

Awards Program Information

Organization: **The American Institute of Architects**

Application: **2012 TAP/BIM Awards**

Deadline and Procedures

* = Required Field

Technology in Architectural Practice

Call for Entries

2012 BIM Awards

General Information

AIA Technology in Architectural Practice (TAP) Knowledge Community is hosting its Eighth Annual Building Information Modeling (BIM) Awards competition. The competition is seeking projects that exhibit exemplary use of integrated and interoperable building information modeling. The Eighth BIM Awards Call for Entries builds upon the innovative responses received for previous award winners in 2005-2011.

(See www.aia.org/tap for previous BIM Awards recipients)

AIA TAP is pleased to have two industry partners in this year's BIM Awards: BIMForum and COAA. The BIMForum leadership and members are actively providing their expertise, insights and outreaching prowess to help make the 2012 BIM Awards the best ever. The Construction Owners Association of America (www.coaa.org) joins the 2012 BIM Awards program as an industry partner, participating in the BIM Excellence category of submissions.

The 2012 BIM Awards is open to all professionals (owners, architects, engineers, contractors, operators) and academic institutions. International submissions are welcome. Submissions will be for any and all categories. Each submission will be evaluated by the 2012 BIM Awards Jury in the following categories (as well as an option by the Jury to award "Jury's Choice" as it deems appropriate):

- Category A: BIM Excellence
- Category B: Delivery Process Innovation
- Category C: Outstanding Sustainable Design

- Category D: Academic Program / Curriculum Development
- Category E: Exemplary use of BIM in a Small Firm

General Criteria for all Submissions

Presentations will be judged on

- Documented quantifiable benefits addressing costs, schedule, quality or sustainability
- Clear depiction of using interoperability to gain design or project benefits
- Effective team collaboration
- Process change that enhances overall architecture services
- Demonstration of how design expertise is being used and embedded in BIM tools
- Cultural change in the way projects are delivered
- Fit with intent and requirements for the category (entrants may mark submissions for consideration in more than one category)

Special emphasis will be paid to:

- Real-world projects (in appropriate categories), not technology demonstrations
- Teams, not individuals

The number of awards and honorable mentions in each category are at the sole discretion of the 2012 BIM Awards Jury. Award winners are required to release their entries for posting by AIA TAP (e.g., website) and to participate in AIA TAP events (e.g., webinars) to share their project experiences and highlights with the industry.

Specific Criteria for Each Award Category

Category A: BIM Excellence

- For projects advancing the theory and practice of BIM use; demonstrating new capabilities and achievements incorporating outstanding programming, design, fabrication, construction and/or operation; exceptional quality of both process and technological performance/innovation; and leverage to operate the building to the fullest extent of its design potential.
- Project is built, under construction, or in pre-construction phases that is considered extraordinarily visionary by the jury
- Clear use of multiple applications inter-operating to realize outstanding design
- Architectural expression that could not have been realized without BIM subject to jury assessment of architectural quality

Category B: Delivery Process Innovation

In association with the BIMForum and COAA (Construction Owners Association of America)

- Outstanding example of use of BIM in collaborative project delivery (such as Integrated Project Delivery), integrating planning, design, construction and operation to fulfill project goals
- Project is built or under construction
- Documented quantified benefits in efficiency and quality
- Documentation of innovative processes used to realize the project
- Preservation or enhancement of design intent with lower delivery costs
- New forms of collaborating or partnering

- Innovative new tools and methods

(Category B finalists will be required to present their submissions, in-person or virtually, during the 2012 February BIMForum to compete for the “Professional’s Choice” Awards. In addition, some Category B Finalists will be required to present their submissions, in-person or virtually, during a 2012 COAA event to compete for the “Owners Choice” Awards. These presentations may also serve as a presentation to the 2012 BIM Awards Jury for the “Delivery Process Innovation” Awards.)

Category C: Outstanding Sustainable Design

- Exceptional BIM example of integrated use of sustainable, energy, life-cycle, and ecological technologies and process in the design execution of a building project
- Documentation of the process through which sustainability/simulation/analysis was integrated to inform the Design process
- Quantified assessment of performance improvements achieved
- Demonstration of how the design result changed in response to sustainability objectives

Category D: Academic Program / Curriculum Development

- Outstanding new curriculum development incorporating BIM and IPD concepts
- Academic studies and research projects employing virtual building information modeling to achieve gains in efficiency, productivity, sustainability, or design intent realization
- Demonstration of use of interoperability to realize pedagogic goals
- Impacts on practice

Category E: Exemplary use of BIM in a Small Firm

- Exemplary improvements through application of BIM in a firm of 12 or fewer members, in any stage(s) of the overall process of project feasibility assessment, programming, design, documentation, procurement, construction and operation.
- “Improvement” may mean increased project quality, productivity or efficiency, better communication among members of a project team, using BIM to achieve specific design goals, or any other enhancement that could be achieved only through the innovative use of BIM
- Entries shall include a detailed explanation of an innovative BIM-based work flow to address a specific issue essential to the realization of project goals
- Entries need not be built. However, some verifiable demonstration of the feasibility of the improved process must be provided

Eligibility

All entries must meet the following requirements:

- Projects submitted by jury members or by the organizations they represent, and projects that included jury members on their team, will be disqualified
- All entries must receive permissions from owners and other team members and acknowledge that permission as part of the submission

(Note that AIA members and non-members, US-based or international submissions are all eligible to submit)

Screening

The jury will consist of architects, experts and professionals involved in the use of BIM technology for the design and construction of the built environment. The jury has sole discretion in selecting entries that it believes best represent a cross-section of quality projects. 2012 BIM Awards finalists may be required to attend an interview, in-person or virtually, by the jury.

2012 Jury Members

Martin A. Fischer, Chair, Stanford University, Stanford, CA
Boyd Black, University of Chicago, Chicago
Peggy Deamer, Yale School of Architecture, Brooklyn, NY
Roger Grant, Building Information Technology Consultant, Duxbury, MA
Daniel N. Russell, The Sundt Companies, Inc., Tucson

Submission Guidelines

The material in the Project Narrative, Descriptive Data Sheet, and 3D Model will be the only information on which the jury will evaluate the project. It is essential, therefore, that the information be clear, complete, and in the format prescribed.

Submissions must not identify, on any graphics or text, the identity of the submitting firm. Such identification, other than on the Concealed Data Form will be cause for elimination from the process.

Each electronic submission will include the following completed items:

1. Concealed Identification Forms (including the signature of an authorized representative of the project owner)
2. Descriptive Data Sheet
3. Copyright Release Form
4. 3D Models (viewable in applications such as Adobe Acrobat 3D, Autodesk Navisworks Freedom, Bentley Navigator Review, Google Earth, etc.; Optional, but strongly encouraged)
5. The BIM Awards committee will request finalists in each category to provide read-only access to their primary Building Information Model in native format used to develop the project, along with a brief description of work-flow used to share data and inform the project delivery process. Copyright and security sign-offs will be provided. These materials will be kept confidential and only accessed by BIM specialists on the award committee and used only to review and validate, to degree possible, the model and data support provided for the different work-flows, exchanges and analysis presented in the submission.
6. Post-Award Visualization and Model documentation (2012 BIM Awards recipients may be requested to provide additional graphic materials for presentations, multimedia displays, and public relations materials)
7. Project Narrative (of no more 1,500 words with total file size limit of 15MB), including the following:
 - o What were BIM responsibilities of each major player in the team?
 - o What new concepts, procedures or tools were employed in this effort?
 - o How was the integrity of the central design concept maintained throughout the collaboration? How did BIM tools help and/or hinder in that effort?
 - o Statement from each primary team member on most important advantages gained for this project through the use of BIM. How were these quantified and compared with typical results?
 - o What BIM standards were employed by the team? How did these serve well; what is needed?
 - o Diagram of data exchanges employed.

Items 1 and 2 must be submitted in MS Word format. Items 3 and 6 must be supplied in .PDF. Go to: www.aia.org/tap_a_submissions for recommended

settings.)

Item 4 shall be made available to AIA Staff, BIM Committee and BIM Awards Jury via a download from a secure online file storage system just as DropBox, etc. Provide, as part of the submission, a one page document with file name, and instructions for accessing the site and downloading the file. Also include the name and version of software that can be used to view the 3D model file. Make provisions for the file to be available for the AIA to download for 2 weeks from the date of submission, to give time for accessing the file and verifying contents.

Each Project Narrative shall

- Identify the design/construction team members by role and define their roles in general terms
- Identify relevant work-flows and data exchanges to realize goals within the category submitted
- Quantify the benefits achieved, based on the category of the submission
- Describe non-technology factors contributing to that success
- Make no mention of any firm name; visibility of the firm name will disqualify the entry

Please read and follow instructions. Submissions that do not follow the rules will be disqualified.

Schedule and Deadlines

December 1, 2011	Submissions Site Opens
January 17, 2012	Submission Deadline
February 2012	Jury Deliberations on 2012 Award Winners
March 2012	Category B Finalists Participate at BIMForum in Spring 2012
May 2012	Category B Finalists Participate at COAA event in Spring 2012
April 2012	Winners notified and Press Releases
May 16, 2012	BIM Awards presentation Wednesday night prior to the 2012 AIA National Convention in Washington DC

Questions

Questions regarding the submission procedure should be directed to Elizabeth Stephain with Honors & Awards at 202.626.7586 or elizabethstepahin@aia.org

Deadline and Procedures

*I have read and agree to the deadline and procedures

Save and Continue



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TAP/BIM - Category
A, B, or C Submission \$300.00
Fee for AIA or COAA
Members & BIMForum

TAP/BIM - Category
A, B, or C Submission \$400.00
Fee for non Members

TAP/BIM - Reduced
Fee for Category D & E \$100.00
for AIA or COAA
Members & BIMForum

TAP/BIM - Reduced
Fee for Category D & E \$200.00
for non Members

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Payment information

Please proceed to enter credit card information in secure payment site.

* = Required Field

IMPORTANT!

This stage in the submission process is payment of the fee.

You can go back at any time to edit or update your submission before the deadline date, but once credit card information is entered, the non-refundable entry fee will be immediately charged to your credit card after clicking Charge and Continue. **Again, all fees are non-refundable.**

Key:

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✗ = Section Incomplete

Select a credit card type

*Credit Card Type

Exactly as it appears on the credit card

*Name

Billing address of credit card

*Address

*City

*State

Province (Outside US)

*Zip / Postal Code

*Credit Card Number

*Credit Card Expiration

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*Contact Phone Number for this card



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Concealed Identification Form

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The accuracy of this form is of critical importance in providing information that the AIA will use in publicizing the winning projects. All credits on the award citations and in *AIArchitect* will be based on this form. **Any errors or omissions will be the responsibility of the entrant.**

Full credit must be given. If more than one architectural firm is credited for a single project, the order and credit in which names are listed on this form will be the official sequence. No changes will be permitted in the order nor will any deletions or additions be permitted once the submission has been received by the AIA. The forms will not be viewed by the jury until after all judgment has been made.

If more space is required (other than the Collaboration Acknowledgments box below) to list all contributing Firms and/or Associate Firms/Owners/etc...you may list these on a separate document to be included as the last page of the single PDF file uploaded in the next section (All Concealed ID Forms Upload) with your All Firms Signature Page, Copyright and Release Forms, and Intern Declaration.

Please note that when crediting award recipients in publications and citations, it is the policy of the American Institute of Architects to list only the Architecture Firms associated with the project, not individuals.

I confirm to the accuracy of the information supplied for the concealed identification forms.

*I confirm

Owner Information:

*Project Owner

*Owner Phone

*Owner Email

Architect

To whom design should be credited

*Name

*Firm

Address Line 1

Address Line 2

*City

*State

Province (Outside US)

Zip / Postal Code

*Country

*Phone

*Email

Characters Remaining

Email is limited to 90 total characters, including spaces and punctuation.

Firm Size

AIA Chapter (if member)

AIA Member No. (if member)

It is the policy of the American Institute of Architects to promote and recognize high levels of collaboration between all members of the design team. Submittals are required to be made by Architects of a project, but the Submitting Architects must faithfully, completely and accurately list all other Architects, Interior Designers, Landscape Architects, Programmers, Planners and Engineers who were part of the project team. Submitting Architects are required to clearly describe their role, as well as the role of other Architects or Designers.

Please indicate any collaboration acknowledgements with explanation of participation here:

Other team members

Characters Remaining

Other team members is limited to 6000 total characters, including spaces and punctuation.

[Save and Continue](#)



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Release Forms Upload

Project Information

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Release Forms Upload

*** = Required Field**

The All Firms Signature Page, Copyright and Release Forms, and Intern Declaration are contained in a single PDF file below. They are to be completed and uploaded at the bottom of this page as a single PDF file.

Should you make changes to these forms after initially uploading your single PDF file, you may upload the corrected file once you are certain it contains all of the completed and signed forms (All Firms Signature Page, Copyright and Release Forms, and Intern Declaration). Please note that the only file we will receive from this section will be the last file you upload.

Do not include any of these forms in the Image Upload section at the end of this submission.

[Click here](#) to print, complete, and sign all forms to be uploaded below for the TAP/BIM Awards.

*Concealed ID Forms
Upload

Please be patient once you click the submit button, files can take time to upload, actual time will depend on your connection speed and the size of the file. Once your file has uploaded, it will be processed for storage. During peak periods, this may take several minutes. During this time you will see a "processing" message.



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Project Information

* = Required Field

*Project Name

100

Characters Remaining

Project Name is limited to 100 total characters, including spaces and punctuation.

Please select your category below

*Category

*Type of Construction

Other Type of Construction

300

Characters Remaining

Other Type of Construction is limited to 300 total characters, including spaces and punctuation.

Key:

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Area Calculations

Site Area

Acres

Building Area:

Total Gross Square Feet
(GSF-- if a multiuse project, this is the building total)

GSF New

GSF Renovated

GSF Total

Net Assignable Area
(NAA)

NAA New

NAA Renovated

NAA Total

Building Efficiency Ratio
(GSF/NAA)

GSF/NAA New

GSF/NAA Renovated

GSF/NAA Total

Project Delivery Type

*Project Delivery Type

Other Type of Project Delivery

Characters Remaining

Other Type of Project Delivery is limited to 300 total characters, including spaces and punctuation.

Costs

Actual

Estimated

*Site Development Costs

*Building Costs

Add site development and building costs

*Total Construction Cost

Do not include site costs in Building cost/GSF

*Building cost/GSF

Status of Project

Completed

Year of Completion

Under construction

Date of construction contract

Estimated date of completion

Construction Documents phase

Estimated date of construction contract

Estimated date of completion

Project description/Narrative

Please insert a brief synopsis of your project. You will be asked to provide a detailed description to be uploaded with your images.

Do not divulge the identity of the architect, client, or project name in any of the text on this page.

*Project Description/Narrative

Characters Remaining

5000

Words Remaining

500

Project Description/Narrative is limited to 5000 total characters (including spaces and punctuation) and 500 words.

Capsule Descriptions of Program and Design Response

These texts will be used as the architect's statement and may appear with jury comments and articles. Please limit each of the statements to 200 words each.

*Architect's Statement

Characters Remaining

2000

Words Remaining

200

Architect's Statement is limited to 2000 total characters (including spaces and punctuation) and 200 words.

*Contractor's Statement

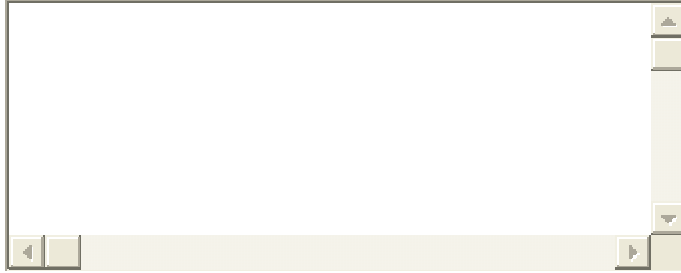


Characters Remaining

Words Remaining

Contractor's Statement is limited to 2000 total characters (including spaces and punctuation) and 200 words.

*Owner's Statement



Characters Remaining

Words Remaining

Owner's Statement is limited to 2000 total characters (including spaces and punctuation) and 200 words.



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- ✓ Project Information
- Upload Attachments
- Submit Summary

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Upload Attachments

File Restrictions

1. You may upload the following file type(s): Adobe Acrobat (.pdf)
2. Files must be smaller than 15MB in size.

* Please note, when uploading image files for viewing on the web they must be saved in RGB color format. CMYK and other formats will not render in web browsers.

File Uploading

- All images submitted must be clearly labeled and/or captioned.
- You are responsible for checking that the file you upload opens and can be viewed as intended.
- Your submission must be **one .PDF file smaller than 15 MB with an optional additional upload for a 3D Model (also smaller than 15 MB)**.
- Upon the jury's final selection you may be contacted to provide high-resolution images. Without these your project will not receive proper recognition. Winning submissions become the property of the AIA Library and Archives and will be used in an exhibit for the AIA National Convention.

It is your responsibility to make sure the architect/entrant's name is not revealed on any of the images, plans, narrative, or supplemental materials.

Failure to do so will automatically disqualify the entry.

1. Image Upload:

Project Narrative (of no more 1,500 words with total file size limit of 15MB):

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- What BIM standards were employed by the team? How did these serve well; what is needed?
- Diagram of data exchanges employed.

2. Optional, but strongly encouraged:

- 3D Model (simple 3D model viewable in Adobe Acrobat 3D, Autodesk Navisworks Freedom, Bentley Navigator Review, or Google Earth, etc.)

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- Make no mention of any firm name; visibility of the firm name will disqualify the entry

Upload Instructions

1. Click the "Browse" ("Choose File" for Mac) button below to select your single PDF file to be uploaded
2. Click the "Upload Files" button
3. To view your file, click the file name under the "Attachment" header.

Attachment

Attachment Description

Click the "Upload Files" button below to begin uploading your files to the server.

[Upload Files](#)

Current Attachments

Below are the attachments for this submission. You may edit the description or remove the attachment using the appropriate link in either option column. To view the attachment, click the attachment file name in the "Attachment" column.

Edit	Attachment	File Size	File Type	Date Created	Remove
No records to display.					