

Suzhou IFS



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Height: To Tip

450 m / 1,476 ft

Height:

Architectural

450 m / 1,476 ft

Height: Occupied

406.4 m / 1,333 ft

Floors Above Ground

98

Floors Below Ground

5

Tower GFA

278,000 m² / 2,992,367 ft²

Facts

Official Name	Suzhou IFS
Other Names	The Wharf IFS, The Wharf Suzhou, Suzhou International Finance Square, Suzhou Supertower
Structure Type	Building
Status	Architecturally Topped Out
Country	China
City	Suzhou
Street Address & Map	Cuiyan Road
Building Function	hotel / office / serviced apartments
Structural Material	composite <ul style="list-style-type: none"> Core: Reinforced Concrete Columns: Concrete Encased Steel Floor Spanning: Steel
Construction Start	2012
Completion	2019

Companies Involved

Developer	Suzhou Gao Long Property Development Co., Ltd.
Architect	<ul style="list-style-type: none"> Design: Kohn Pedersen Fox Associates Architect of Record: East China Architectural Design & Research Institute; Wong Tung & Partners
Structural Engineer	<ul style="list-style-type: none"> Design: East China Architectural Design & Research Institute
MEP Engineer	<ul style="list-style-type: none"> Design: Parsons Brinckerhoff Consultants Private Limited Engineer of Record: East China Architectural Design & Research Institute
Main Contractor	China State Construction Engineering Corporation
Other Consultant	<ul style="list-style-type: none"> Damping: RWDI Façade: ALT Limited; Permasteelisa Group Façade Maintenance: Lerch Bates Lighting: Brandston Partnership, Inc. Quantity Surveyor: Langdon & Seah Wind: RWDI
Material Supplier	<ul style="list-style-type: none"> Ceiling: Armstrong World Industries Cladding: PEC Group Paint/Coating: Jotun Steel: China Construction Steel Structure Corporation

About Suzhou IFS

Suzhou IFS aims to be a landmark on the city's skyline in both form and function, drawing upon modern design practices to bely the area's historical repertoire. Conceived as a mixed-use high-rise, the tower will incorporate a number of disparate programs, embodying a modern 21st century presence that is symbolically tied to the city's identity.

Suzhou has long been a center of trade in China, and the building's design pays tribute to this achievement. The tower's form is reminiscent of a fish, a symbol of prosperity and a nod to the role that water has played in the city's history and identity—the city is surrounded by lakes and canals, causing it to become known as “Venice of the East.” As such, the tower is designed to interact with the surrounding bodies of water. The tower gestures towards Jinji Lake and opens out towards the water.

Soaring upwards, the curved "tail" of the fish subtly transitions from the scale of the lake and surrounding buildings to the top of the tower. More than an architectural embellishment, the flared base maximizes views of the water for the serviced apartments within and considerably lengthens its street frontage. At night, the tower cladding is articulated with glowing LEDs. These lights activate in a staggered timing that causes the building to shimmer in the evening skyline, much like the nearby lake.

The tower form and orientation, together with the articulation of the west facade, diminishes much of the heat and glare, while bringing more natural daylight to the internal spaces. The tower cladding is a high-performance glazing that significantly mitigates solar loading.

Suzhou IFS

CTBUH Initiatives

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22 Aug 2018 – CTBUH Research

CTBUH Signboard Unveiled at Suzhou IFS

20 Jun 2018 – Event Report

Top Company Rankings: The World's 100 Tallest Buildings

13 Oct 2016 – CTBUH Research

Videos

Design Challenges of the 3 Tallest Buildings in North/ East/ South China

17 Sep 2014 – Kam Chuen (Vincent) Tse & Lung Wai (Herbert) Lam, Parsons Brinckerhoff

Research Papers

The New Structural Design Process of Supertall Buildings in China

1 Sep 2015 – International Journal of High-Rise Buildings Volume 4 Number 3

Design Challenges of the 3 Tallest Buildings in North/ East/ South China

16 Sep 2014 – CTBUH 2014 Shanghai Conference Proceedings

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