

Beijing Aquarium – BEIJING, CHINA

For more than four decades **CLOWARD H₂O** has been privileged to participate in the design and engineering of thousands of aquatic projects spanning virtually every aspect of Aquatic Attractions. These Projects range from the simplest of fountains to large man-made lakes and river systems, hotel amenity pools to full scale waterparks, and individual aquarium tanks to some of the largest aquarium facilities in the world. Throughout our years in business, we have had the pleasure of forming many lasting friendships and wonderful partnerships with the people and firms that we have worked with all over the world. We have learned that providing excellent services and quality material always pays off in the long run. Looking back at how well some of our most iconic projects have endured through time demonstrates this lesson.



One of the many exhibits is a tropical forest, where visitors walk through a Rainforest Wonder of 22 different marine life tanks along the way. Based off the mysterious Amazonian Rainforest, this popular exhibit includes waterfalls, winding paths, creeks, mysterious statues, and ancient bridges. Some of the popular attractions to see in the Rainforest are the Archerfish, Redtail Catfish, Koi, Angelfish, Arapaima, Silver Shark, Garpike, and Piranhas.

The Beijing Aquarium is located on the north bank of the Nanchang River that is one of many winding through Beijing City. Inside the Beijing Zoo the Beijing Aquarium covers an area of 4.2 hectares making it the largest inland Aquarium of its time with several unique aspects.

CLOWARD H₂O was commissioned by General Oceanic Environmental Engineering [GOE] to provide engineering and aquatic design for exhibit tanks and life support systems at the Beijing Aquarium in 1994. Even though the Beijing Aquarium was built more than 20 years ago it still operates like it was brand new bringing in thousands of new visitors each year as a huge Beijing tourist attraction.

Due to the colder local climate, the entire aquarium is indoors. It is also located far inland in the heart of Beijing which made it difficult to bring in fresh salt water. To solve this, **CLOWARD H₂O** helped to design a system that created artificial, manmade, saltwater for the whole aquarium. The artificial seawater made covers a total marine habitat water volume of 20,000 tons. **CLOWARD H₂O's** team was up to the unique challenge this presented and strived for the best possible solutions.



The Undersea Loop is a transparent viewing experience like you were on the Ocean floor. Starting in the South China Sea Visitors then experience marine life in the Pacific Ocean, the Indian Ocean, the Red Sea, the Mediterranean, and finishing in the Atlantic Ocean. The loop consists of 32 large exhibition tanks that show a variety of maritime creatures from their respective regions. Visitors can see up close the wonder of the ocean and its many inhabitants including High-fin fish, Sea Horses, Clownfish, Doctor Fish, Sea Anemones, Corals, Groupers, Regal Tang, and a Panda Dragon.

The Beijing Aquarium has been widely praised in the World Aquarium Industry as being an inspiration and steppingstone in Aquarium Habitat Exhibits. While many other Aquariums have taken the role of biggest or most modern since the opening of the Beijing Aquarium **CLOWARD H₂O** recognizes all those that helped make this Aquarium a special and unique project and **CLOWARD H₂O** is happy to pronounce it as one of our Built to Last Projects. The **CLOWARD H₂O** team is committed to excellence and to the partnerships that bring iconic projects such as the Beijing Aquarium to life. Beijing Aquarium changed the world of Aquariums, a benchmark that is still held as a standard of excellence today, more than twenty years after opening. We are proud to be a part of that legacy, pioneering new aquatic attractions on a grand scale and engineering excellence that stands the test of time.

- The Beijing Aquariums unique architectural style mimics a blue conch lying on the beach surrounded by green trees and clusters of flowers.
- More than a 1,000 species and 30,000 to 50,000 sea lives are fed by the artificially made seawater.
- The Ocean Theatre is a Hawaiian Seaside themed attraction that is the most popular place for visitors. Animal performances with Dolphins, Sea Lions and Beluga Whales is a spectacular close-up experience accommodating over 3,000 visitors at a time.
- A 52-yard-long touchable pond mimics an ocean coastline where guests can interact with sea urchins, mollusks, starfish, sea turtles, sea anemones and hermit crabs.
- The Beijing Aquarium was awarded the Model Group, the highest award in the 11th "Forbidden Cup" held by Beijing Municipal Bureau of Tourism.
- It is also ranked among the first batch of Chinas AAAA National Attractions.

