Javier Herrera

+1 52 55 2255 3863
ic.javier.herrera@hotmail.com
LinkedIn: Javier Herrera Renteria

Javier Herrera Rentería is a distinguished civil engineer with extensive experience in international projects and a consistent focus on innovation and sustainability. He currently serves as President of the Mexico Section of the **American Society of Civil Engineers (ASCE)**, where he has fostered close collaboration between academia and the private sector, aiming to promote the growth of future civil engineers and strengthen ASCE's presence in Mexico and the region.

One of Javier's most significant achievements has been the expansion of ASCE student chapters in Mexico, enrolling over 400 students across key universities such as the **Instituto Politécnico Nacional, UNAM, Universidad Panamericana, and Tecnológico de Monterrey**. Under his leadership, new partnerships and projects with universities have been established, offering students access to technical resources, workshops, mentoring, and professional certification opportunities.

During his presidency, Javier has encouraged Mexico's participation in events and competitions such as **OlimpiANEIC**, where the Mexico Section of ASCE has been notably active. These events have allowed Mexican students to compete and collaborate, strengthening their skills and knowledge. He has also played a key role in organizing the **Constructores del Futuro 2025** competition in collaboration with **CEMEX**, an initiative aimed at inspiring students to develop sustainable and socially responsible engineering solutions.

Throughout his career, Javier has been involved in significant projects in both Mexico and Spain. In Mexico, he has worked on the development of urban infrastructure and construction systems that prioritize structural safety, particularly in seismic zones. These projects include the optimization of residential and commercial buildings, integrating new technologies and more sustainable, resilient materials.

In Spain, Javier has collaborated with a local company in designing and improving residential infrastructure, managing projects ranging from the construction and rehabilitation of homes to creating green spaces by implementing eco-friendly solutions.

One of his most important focuses has been the promotion of science, technology, engineering, arts, and mathematics (STEM) among younger generations. Javier has led initiatives to bring students closer to these areas, organizing conferences and school visits, with the goal of inspiring young people to explore careers in civil engineering. His projects aim to make an impact from an early age, showing children the importance of these disciplines in building a more sustainable future.

As part of his commitment to youth development, Javier has worked to organize a national competition based on the **Future Cities** film by ASCE and the American **Future City** competition. This project seeks to have primary school students design sustainable cities of the future, encouraging innovation and creativity in urban planning. Through this initiative, he hopes to inspire young people to imagine and build the cities of tomorrow, integrating technological and ecological solutions to address the challenges of climate change and population growth.

As president of ASCE, Javier has also been a strong advocate for continuous education and professional development. Under his leadership, the Mexico Section has organized monthly **webinars** and promoted participation in international conferences, providing its members with access to global experts and networking opportunities. Additionally, he has worked on strengthening connections with companies to drive social responsibility projects and sustainable development.

His vision for the future of civil engineering centers on **sustainability and professional ethics**, believing that engineers have a crucial responsibility in creating a safer and more equitable world. This conviction is reflected not only in the projects he leads but also in his commitment to fostering the growth of new generations of engineers, providing platforms and opportunities for their development on a global scale.