

Wenda Nuridahissan

Building Acoustic Specialist at Saint-Gobain, Indonesia

Wenda develops products and solutions for buildings that improve acoustics and sustainability.



Testing how much sound goes through a wall (the sample is behind Wenda's head)

What makes acoustics interesting to you?

Acoustics includes a wide variety of nature, social, artistic, psychology and engineering aspects. To be a specialized in acoustics is just a blast for an innovative mind. It's something that might only be understood by some, but good acoustics is needed by everyone.

Why did you choose to work in acoustics?

I love music and physics; acoustics is a kind-of combination of both.

What's one of the most exciting projects you've ever done?

Developing the more sustainable noise-cancelling ducting CLIMAVER®. It's used in heating and ventilation systems. By using up to 80% recycled glass it reduces environmental impact compared to sheet metal ducts.

What did you study to get into acoustics?

I studied Physics Engineering at Institut Teknologi Bandung, Indonesia, specializing in Building Physics (Acoustics, Lighting, Energy).

What do you love about your job?

I love to be able to give solutions and answers for my customers' problems (mainly about acoustics, fire and sustainability). I love to exploit technical aspects of my acoustic designs and produce commercial products.

How does your work make a difference to peoples' lives?

I can educate people about the needs of multi-comfort (hear, feel, see and breathe), and help my customers to have a sustainable building that includes multi-comfort for their daily activities.

What else might a student need to know about a career in acoustics?

In my job developing better sounding building, acoustics is important basic knowledge to solve a problem. But to be excel in this career, it needs to be integrated with other specialities like mechanics, electronics, sustainability, chemicals, materials, etc.

Tell us a fun acoustic fact!

People will not know the acoustical engineering for a building with great acoustics. But when the acoustics is bad, they'll come to us with tonnes of issues! As acoustic consultant Nick Treby once wrote, "*When the acoustics works, no one has ever realised we've been in.*"