

## **Biography of the teacher**

Cristina Modoi is assistant professor at the Babes-Bolyai University Cluj-Napoca Romania, the Faculty of Environmental Sciences and Engineering.

She is Mechanical Engineer and at the beginning of her career she had worked in the mining industry of coal, in Jiu Valley. After her master degree in Environmental Sciences she worked for a while in research institute in Jiu Valley. Then she moved to Cluj-Napoca, where she began to do environmental consultancy for the industrial companies, as employed and then as freelancer.

She has worked in the university since 2006.

She received the PhD degree at the UBB in the field of Geology - Environmental Sciences in 2010.

In 2011 she worked for four months in Norway, at Kjeoy Research and Education Center (<https://www.kjeoy.no/>), a geochemistry laboratory where she was studying the acid drainage of rocks from the mining areas.

Currently she is teaching Waste management, Industrial Ecology, and other courses in the field. Her research interest is focused on the waste management, environmental risk assessment, and environmental rehabilitation. She is also interested in urban sustainability, green cities and circular economy.

She was implied as researcher in some project about reduction of the environmental pollution, environmental rehabilitation, waste reusing and recycling, and environmental risks and also in projects that aimed to strengthen the links between the academia and the business environment.

Recently (2021) she initiated and equipped a waste management laboratory at the Faculty of Environmental Science and Engineering of Babes Bolyai University.

Currently she is working in two projects, one project about sustainability and social entrepreneurship and the other about teaching sustainability for the university students where she is teaching "A multidisciplinary approach for the sustainable waste management".