

Jean-Alain Fleurisson is Senior Research Scientist at the Geosciences and Geoengineering Research Department of École des Mines de Paris (MINES Paris-PSL University) and head of the MIRIS post-master Training Program in “Mineral Resources Industry and Society” addressed to experienced geologists and mine engineers working in mine companies all around the world.

Graduated as engineering geologist, he completed a Ph.D. in Engineering Geology on a subject relating to the interaction between explosive energy, rock masses and slope stability in the phosphate mine of Ben Guerir (OCP-Morocco). He then joined the Centre for Engineering Geology at MINES Paris, now integrated in the Geosciences and Geoengineering Research Department, where he has been involved for almost 30 years in teaching and research works in the field of Engineering Geology and Geomechanics with focus on scientific and technical applications to civil and open pit mining engineering works and natural hazards, and open pit mining engineering.

As Director of the MIRIS postmaster training program since 2001, he is responsible for recruiting trainees abroad, definition of the program content and the training management. He also actively participates in the teaching activities and supervision of trainee’s personal application works dealing with mining projects all around the world.

As research scientist, he has taken part in several international research projects or expertise works in the field of mining industries such as slope design projects of open-pit mines in France and abroad, civil engineering works such as the permanent ship locks of the Three Gorges Dam in China, and natural hazards such as slope stability under earthquake and topographic site effects.

He is also now member of the steering committee of the research and training Chair in Mineral industry and Territorial Dynamics created in 2020 with the financial support of industrial and institutional sponsors. It is aimed at developing research projects and training programs to improve the integration of mining projects in their physical, social, and human environment, and facilitate the dialog between stakeholders in the joint-setting-up of mining projects.