



EVALUATION ET QUANTIFICATION DES RISQUES

EVALUATION AND QUANTIFICATION OF RISKS

Lecturers: **Pietro SALIZZONI, Richard PERKINS**

| Lecturers : 22 | TC : 0.0 | PW : 0.0 | Autonomy : 0.0 | Study : 8 | Project : 0.0 | Language : MI

Objectives

Construct models to quantify the risks and uncertainties related to different hazards. Develop tools to quantify the economic consequences of events arising from human actions or natural processes.

Keywords :

Programme

Technological risks (8h CM + 8h BE) F. Rosset ODZ Consultants

The objective of this course will be to provide a historical overview of various industrial accidents and the impact they have had on the development of industrial safety regulations and legislation. Different hazardous phenomena will be presented, together with the ways in which they are modelled.

Risk Economics (14h CM) L. Abdelmalki Lyon 2

1. Well-being & Efficiency
 - Economic & market efficiency

Learning outcomes

- Be able to identify the main types of industrial hazard
- Master different modelling techniques
- Understand how to formulate a problem in economic terms, and be able to express it using the appropriate terms and vocabulary.
- Know how to integrate the non-market values of the environment into a cost-benefit analysis

Independent study

Objectifs : This activity is not concerned with framed autonomy activities outside personal work.

Méthodes : This activity is not concerned with framed autonomy activities outside personal work.

Core texts

Assessment

Savoir: 50%
Savoir-faire: 25%
Méthodologie: 25%