VITO is a leading European independent research and technology organization with over 30 years' experience in environmental management (air, water, soil) providing policy support to the Flemish, European, Regional and EU authorities, Flemish and federal administrations, the European Commission, the European Space agency and industry.

VITO is a member of the Belgian-Chinese Chamber of Commerce (BECC) and has participated in several EU-China projects (MAPIT, ATSINC, HOWARMS, ARTS, VITO). Its EU-funded modelling projects and services are brought to China by its joint venture company LiboVITO, located in Beijing.

Practical on-site company visits

In tandem with the courses on air quality and pollution abatement practical on-site company visits can be arranged. VITO, an affiliate of the Flemish Research Foundation (Flanders), is a private, non-profit, not-for-profit research institute. It is a prominent member of the Flemish research community. VITO's research covers a wide range of fields, from energy and materials to biotechnology and information technology. The company is located in Twente, the heart of Europe, a region that is up and coming in terms of innovation and investment. A number of its facilities are situated in the heart of Antwerp, which is one of Europe's largest ports, serving over 250 companies.

General Information

Next of the course modules are usually held in VITO's office in Antwerp. The next will occur at our head office in Antwerp. VITO's services include workshops and seminars in Antwerp, Brussels and Ghent. The training is tailored to the customer's needs and can be held in English, French or Dutch.

PROGRAMME OUTLINE

A module usually includes the following:

- 4 days of classes at VITO
- Programmes
- Training materials
- Lunches
- Accommodation: per person per room

VITO's air pollution prevention technology, "METALert", was introduced by VITO and was successfully for our environmental protection work. The "Predictive Pollution Prevention Technology" has a very good working idea of air pollution prevention and control for China.

Discover our tailored Air, Water and Soil training modules

Our fast-growing society is putting a lot of pressure on our living environment. Authorities and industry leaders must manage economic growth inside a sustainable framework. VITO's Emission and Pollution Control Training Programs enable significant and complete closures to be made right away.

Experiences

For more information about our customized training programs and prices please contact us at Tel: +86-10-51192186 or send a mail to our head office in Europe at training@vito.be.
5. INTERPRETATION AND MODELING OF CONTAMINATED SITES

5.1 Data management and statistics

The spatial and temporal statistical analysis of the measured contaminants is performed. Large data sets for the assessment of contaminant patterns are trusted on on-site analysis. It is difficult, if not impossible, to assess the extent of the contamination from individual analyses. For example, one single analysis for the total heavy metal content may lead to a number of results that may differ from each other. Therefore, data sets of all data sets need to be used and used for the final interpretation of the data.

5.2 Contaminates

This course gives an overview of the different soil contamination methods and their results. The process of soil contamination is a complex one that involves the input of a series of factors, such as the nature and intensity of the contamination, the length of time for which the contamination has occurred, the interaction of the contaminant with the environment, and the effectiveness of the contaminant's removal. In addition, the presence of contaminants in soil and groundwater can have a significant effect on indoor and outdoor air quality.

5.3 Measurement uncertainty and how to deal with it

Prior knowledge required: general knowledge on soil and groundwater

This course gives an introduction to measurement uncertainty and how to deal with it. Measurement uncertainty is an important aspect of soil and groundwater investigation. It is affected by a number of factors, such as the nature of the measurement, the precision of the equipment, the accuracy of the data, and the precision of the result. This course will provide an overview of the different factors that influence measurement uncertainty and how to deal with it. It will cover the different types of measurement uncertainty, such as random and systematic, and will provide examples of how to deal with these types of uncertainty. The course will also cover the different methods that can be used to reduce measurement uncertainty, such as the use of calibration, the use of quality assurance, and the use of quality control.

6. GROUNDWATER CHARACTERIZATION

Prior knowledge required: general knowledge on soil and groundwater

This course gives an introduction to groundwater characterization. Groundwater characterization is an important aspect of soil and groundwater investigation. It is affected by a number of factors, such as the nature of the groundwater, the precision of the equipment, the accuracy of the data, and the precision of the result. This course will provide an overview of the different factors that influence groundwater characterization and how to deal with it. It will cover the different types of groundwater characterization, such as the use of multilevel samplers, the use of chemical analysis, and the use of geophysical methods. The course will also cover the different methods that can be used to reduce groundwater characterization, such as the use of calibration, the use of quality assurance, and the use of quality control.

7. Remediation of soil and groundwater

Prior knowledge required: general knowledge on soil and groundwater

This course gives an introduction to remediation of soil and groundwater. Remediation is an important aspect of soil and groundwater investigation. It is affected by a number of factors, such as the nature of the remediation, the precision of the equipment, the accuracy of the data, and the precision of the result. This course will provide an overview of the different factors that influence remediation and how to deal with it. It will cover the different types of remediation, such as the use of chemical treatments, the use of physical treatments, and the use of biological treatments. The course will also cover the different methods that can be used to reduce remediation, such as the use of calibration, the use of quality assurance, and the use of quality control.

8. SOIL AND GROUNDWATER TRAINING PROGRAMME

This course gives an introduction to the different soil and groundwater training programmes. The different training programmes are affected by a number of factors, such as the nature of the training programme, the precision of the equipment, the accuracy of the data, and the precision of the result. This course will provide an overview of the different factors that influence the training programmes and how to deal with it. It will cover the different types of training programmes, such as the use of multilevel samplers, the use of chemical analysis, and the use of geophysical methods. The course will also cover the different methods that can be used to reduce training programmes, such as the use of calibration, the use of quality assurance, and the use of quality control.