Who should attend?

For early-career scientists/engineers (advanced PhD candidates, postdoctoral scientists and engineers affiliated to European research institutions) in the field of monitoring in relation with the geological disposal. The total number of participants is limited to 20.

Courses fees and grants

- The Modern2020 Monitoring School participation is free of charge to the selected participants including accommodation, local transportation from designated hotels to the training location or laboratory, daily lunches/dinners, and coffees during the school.
- The participants are responsible for their own travel to and from Oskarshamn.

Accommodation

A family-friendly stay in Oskarshamn awaits you at First Camp Gunnarso, 3.4 km from central Oskarshamn, 76 km from Kalmar airport and 40 km from the Äspö HRL. Highlights a sauna, and in-room kitchenettes.

Application

- Application will be open until February, 28th 2019.
- A cover letter should describe your motivation and the relation of the training to your work and studies.

Information required: full name, date of birth, gender, organisation, address, post code, email, telephone (+ country code), dietary restrictions.

Special requirement for the participants

- Each individual needs to be able to move unassisted and carry out hands-on exercises underground.
- Each individual needs to have insurance coverage against injuries and illness for the duration of their stay at the workshop. Please check the sufficiency of your insurance coverage prior participation. Proof of sufficient insurance coverage may be requested by the organiser.
- To inform the organiser at the time of registration of any dietary restrictions that may apply.

For more information

For more information about the Modern2020 training school and its details visit the www.modern2020.eu or contact johan.bertrand@andra.fr.
A successful strategy for radioactive waste disposal should address both technical and societal needs, and monitoring has the potential to contribute to both of these aspects. Monitoring during repository operations can be used to build further understanding of the processes occurring in the repository during operational phase (construction, waste emplacement, backfilling and closure) and early post-closure phase. Monitoring can also contribute to public and stakeholder understanding of processes occurring in the repository, and hence, it can respond to public concerns and be used to build further confidence in geological disposal in addition to that achieved during licensing. Monitoring can therefore play a role in enabling waste management organisations to work towards the safe and accepted implementation of geological disposal.

The Modern2020 Training School is targeted to offer an overview of monitoring aspects in the field of geological disposal (in crystalline and clay host rocks) and methodology to conduct a monitoring strategy. The training school aims to provide participants a set of competences based on the work inside the Modern2020. Through lectures, practical works and field demonstration activities, the participants will improve their understanding of:

1. Nuclear fuel cycle and radioactive waste types
2. Relevant processes for the geological disposal during operational phases and early post-closure phase
3. Role of monitoring for geological disposal during operational phases and early post-closure phase
4. Methodology to select monitoring parameters
5. Monitoring sensors and technologies
6. Monitoring system design, installation and operation
7. Contribution of monitoring data to decision making
8. Expectations from different stakeholders