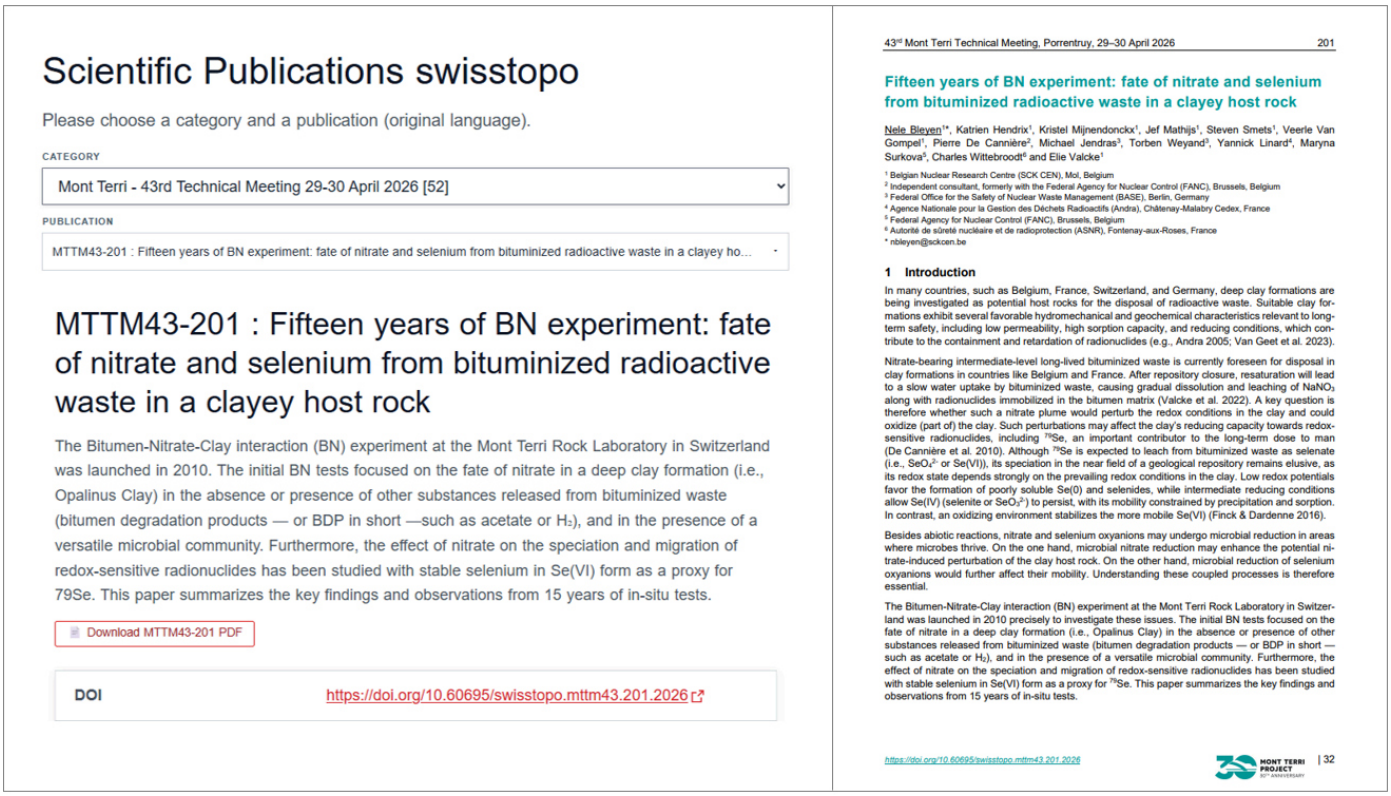
Mont Terri Project
Underground Rock Laboratory

Report period: June 15–21, 2026

Assembled and edited by swisstopo, St-Ursanne



Spotlight of the week: We are glad to announce that all 51 conference papers and the proceedings of the 43rd Mont Terri Technical Meeting - 30th anniversary have now been published on https://docs.swisstopo.admin.ch and the DOI registration has been completed. The metadata will be harvested and indexed by external services such as OpenAlex, OpenAIRE and ORCID. As an example you can see the article #201 by Bleyen et al. on swisstopo's landing page. All contributions can be downloaded as pdf. We thank all authors for their contributions!

Important note

- On Friday, June 19, Starting on July 6, the lab will be closed for its annual summer break. This year, we close for six weeks and will be back in operation on August 17. An emergency standby service is organized. In case you have an urgent matter with your experiment, don't hesitate to contact the site management.

CD-A (Influence of Humidity on Cyclic and Long-Term Deformations) experiment

- On Friday, June 19, S. Schefer (swisstopo) restarted the computer for the psychrometric system.

CL (CO2LPIE-CO2 Long-Term Periodic Injection) experiment

- On Monday, June 15, D. Jaeggi (swisstopo) switched all pH an Eh sondes to monitoring mode.
- On Thursday, June 18, D. Jaeggi (swisstopo) switched all pH and Eh probes back to bypass mode.

CS-E (Mini-Fracturing and Sealing) experiment

- On Wednesday, June 17, A. Rinaldi (ETHZ) did some maintenance in the borehole BCS-D2 flushing intervals 2, 3, 4, 5, cleaned up the CS-E circulation lines and moved them to monitor interval 2 and 4 of borehole BCS-D1. The injection system was also checked and a filter removed to enable easier refilling of the pump.

DB-B (Deep Borehole to resolve the Mont Terri Anticline Hydrogeology) experiment

- From Monday to Tuesday, June 15–16, the Solexperts team performed hydro tests in the open hole section and took 2 water samples from downhole. (**Figure 1**)
- From Wednesday to Friday, June 17–19, the Solexperts team performed mini-fracks on 7 locations, followed by 5 sleeve reopening tests on the previously stimulated areas. (**Figure 2**)
- On Friday, June 19, M. Frädrich (Terratec) performed the post-frac ABI inside BDB-B1.

DR-C (Diffusion in a Thermal Gradient) experiment

- On Thursday, June 18, Y. Lettry (Solexperts) performed pressure and flow adjustments in the main pressure vessel from BDR-C6.
- On Thursday, June 18, Y. Lettry (Solexperts) replaced the flowmeter of BDR-C1, resaturated the heating pressure vessel and adjusted pressure and flow in the main pressure vessel.
- On Friday, June 19, S. Schefer (swisstopo) inserted two new vials into samplers #2 and #3 for boreholes BDR-C1 and BDR-C6.

DR-D (Heterogeneity of Sandy Facies by Geophysical Characterization and Diffusion Studies) experiment

- On Thursday, June 18, Y. Lettry (Solexperts) performed pressure and flow adjustments in circulation cabinet of BDR-D3.
- On Friday, June 19, S. Schefer (swisstopo) inserted two new sampling vials into samplers #2 and #3.

FE-M (Long-Term Monitoring of the Full-Scale Emplacement Experiment) experiment

- On Monday, June 15, J. Windisch (swisstopo) restarted the UPS of heater 1.
- On Monday, June 15, J. Windisch (swisstopo) refilled the calibration bath with 25 L of water.

FS-B (Imaging the Long-Term Loss of Faulted Host Rock Integrity) experiment

- From Monday to Wednesday, June 15–17, P. Cook (LBNL) prepared the injection double packer system for BFS-B15 and with the help of N. Rentsch, C. Etter, J. Windisch and S. Schefer (swisstopo) lowered it to the target depth of 44.25 m. He attached the new injection packers to the existing system installed at BFS-B2. (**Figure 3**)

MA-A (Modular Platform for Microbial Studies) experiment

- On Tuesday, June 16, A. Brown (NAGRA) and C. Rolland (EPFL) collected 20 L of water from borehole BMA-A2.

SW-A (Large-Scale Sandwich Seal in Opalinus Clay) experiment

- On Friday, June 19, S. Schefer (swisstopo) refilled the HPT from shaft 1.

Varia

- On Monday, June 15, T. Rebetez and J. Compagnon (BKW) installed a special radio antenna cable to connect the electricity meter to the mobile phone network.

Visits

Day	Date	Group Name	Group Size	Visitors Guide
Mon	15.6.2026	**CEFF, Moutier**	15	R. Nicol (swisstopo)
Tue	16.6.2026	**Swiss Nanoscience Institute, University Of Basel**	11	R. Nicol (swisstopo)
Tue	16.6.2026	**Neue Mitarbeiter Der Nagra**	7	M. Kollmann (Nagra)
Wed	17.6.2026	**CEJEF, Division Technique**	13	R. Nicol (swisstopo)
Thu	18.6.2026	**TEIT Technical Group Hungary**	14	H. Sager (Nagra)
Thu	18.6.2026	**Schule Bern Brunnmatt**	48	H. Hauser (freelance) R. Nicol (swisstopo)
Fri	19.6.2026	**Familienausflug 60+ T. Leimer**	13	R. Nicol (swisstopo)
Sat	20.6.2026	**Famille Dominique Marquis**	20	J.P. Meusy (freelance)

Figures

Figure 1: DB-B: Starting the hydro tests (S. Schefer, swisstopo)

Figure 2: DB-B: The flow board for the sleeve reopening test (S. Schefer, swisstopo)

Figure 3: FS-B: Lowering the system into BFS-B15 is about to start (S. Schefer, swisstopo)