



Field Seminar "Postindustrial Landscapes"

25. – 29.09.2023

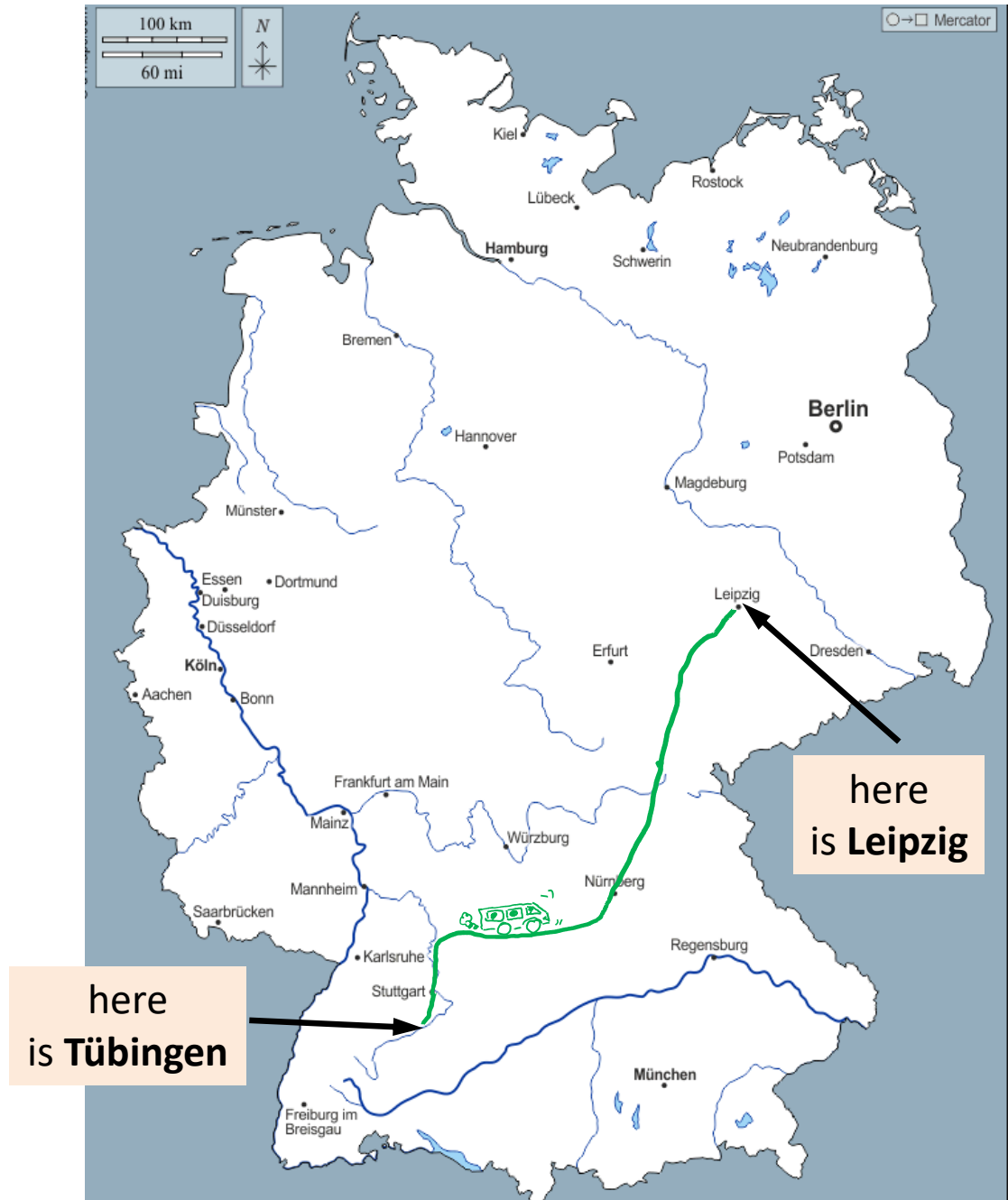
**guided by Prof. Holger Weiß (UFZ*)
and Dr. Carsten Leven**

***UFZ = Helmholtz Center for Environmental Research - UFZ**

Goal of the field seminar

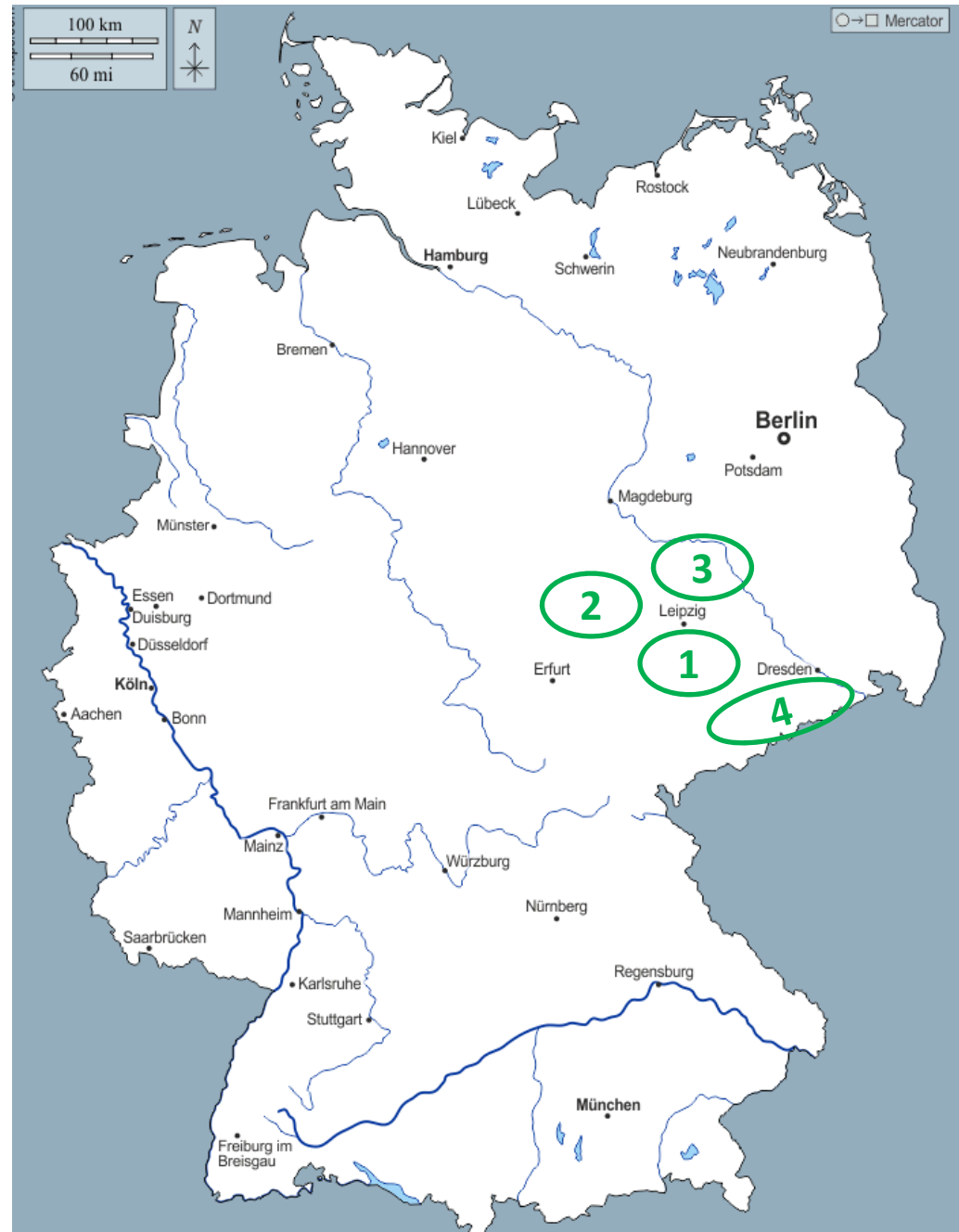
- Visits of industrial and mining areas, research facilities and many related sites with special importance for / to applied geosciences
- We will visit several sites in Middle / Central Germany which were heavily disturbed by industrial use over the last century, e.g.:
 - former and active mining for lignite (coal)
 - former mining for copper, uranium and salt
 - heavy industrial use (e.g. Bitterfeld – one corner of the “Middle German Chemical Triangle”).

Where we go...



Places we might visit

- 1** Lignite mining area
Surface water quality, acid mine drainage, recultivated lignite mine, flood protection
- 2** Mansfeld area
groundwater management; flood protection, gas reservoirs, problems due to salt and copper mining
- 3** Chemical park Bitterfeld
one of the oldest chemical parks in Germany with heavy contamination and one of the oldest lignite mines
- 4** Ore mountains (Erzgebirge)
Former uranium mining area



Last year's program

(this year it might be slightly different)

MONDAY

- Trip to Leipzig
- UFZ^{*} tour
- „Green roof“ project
- Leipzig Nazi Forced Labour Memorial



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Last year's program

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TUESDAY



Trip through an active lignite mine



Coal Power Plant „Lippendorf“



Recultivated lignite mine

Last year's program

(this year it might be slightly different)

WEDNESDAY

City of Halle and Mansfeld area:

- # flood protection
- # groundwater management
- # gas reservoirs in salt domes
- # problems with subsrosion
- # copper mining
- # mining waste dumps
- # Novalis museum
- # ...



Last year's program

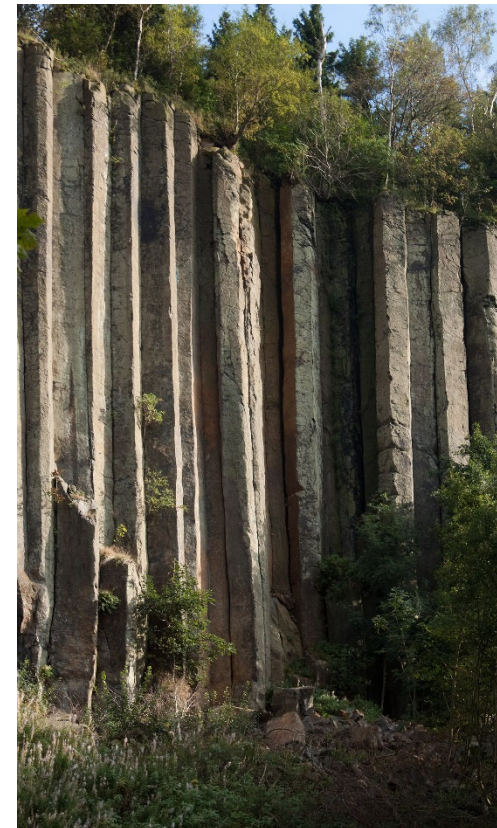
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THURSDAY

Radon tour in the Ore Mountain area

Rock fall areas due to (historical) underground mines

Some other geological sites



Last year's program

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FRIDAY

Bitterfeld Industrial Park

Salina of Bad Dürrenberg

Back to Tübingen

(arrival: ~ 19 h)



Details

- leave Monday morning, return Friday night (approx. 6 hour drive to Leipzig)
- accommodation: Youth hostels in Leipzig



Details

- leave Monday morning, return Friday night (approx. 6 hour drive to Leipzig)
- accommodation: Youth hostels in Leipzig
- costs: approx. EUR 230 (including breakfast and dinner) including subsidies by the university
- Vegetarian, vegan?
- ***drivers needed***
- The field trip starts with a short introduction at the Environmental Research Center on Monday afternoon by Prof. Weiß
- No further report required.
- First (non-refundable) deposit will be required soon (EUR 100)
Details to be announced on ILIAS