

Scientific storytelling: Geo imaging for sustainability

Department: Earth Sciences

Research group: Structural geology

Supervisor: Oliver Plümer

Email address: o.plumper@uu.nl

Project description

Have you always wanted to combine science with making graphics, videos and intriguing stories? This assistantship combines geo imaging research with science communication! You will get the opportunity to learn an array of microscopic techniques for studying Earth and environmental materials, meet international guests who come to use these facilities, and tell the intriguing story of science and sustainability behind it through attractive storytelling and graphics. A skill that will certainly help you in your own (scientific) career!

[EXCITE²](#) (Enhanced X(cross)-disciplinary Community-driven Imaging Technologies for Earth and Environmental Material Research) offers transnational access to worldclass European imaging facilities, brings together expertise, and develops engaging training programmes and innovative service tools to drive excellence in Earth and Environmental material science and solve sustainability challenges. Geo imaging is crucial in studying for example energy storage, critical-metal extraction, geothermal energy and pollutants and their effect on human health.

Job requirements

The ideal candidate is already familiar with microscopic techniques or at least very interested to learn. You will need this for the research aspect of the assistantship. For science communication, ideally you are comfortable to interact with different people, and eager to find out more about their research and aims. You also love the challenge to translate that into visually attractive graphics and/or videos. We also encourage you to join us on the EGU conference in Vienna, from 27th April to 2nd May 2025 to help out with the EXCITE booth! This will give you the opportunity to interact with over 15.000 scientists and partners from industry and society.