

## Materials Engineer (m/f/d) Geotechnics

Job-ID: 2025-16-SBS-GEO-WMA

### About us

The Institute for Applied Building Research (IAB) Weimar is one of the leading industry-oriented research institutes in Thuringia. For more than 30 years, we have been developing innovative devices, processes, and materials for the construction industry in collaboration with partners from industry and academia. More than 120 employees work with us on practical solutions that shape the construction world of tomorrow.

To further strengthen our expertise in the field of Sustainable Construction Materials and Geotechnics, we are looking for a dedicated professional with a focus on soil mechanics, geotechnical materials, and ground improvement methods to independently expand and advance this area of competence. We are seeking team members who take responsibility, proactively shape projects, develop innovative solutions, and represent this forward-looking field externally with confidence.

### Your tasks / qualifications

- Research and development in geotechnics, particularly soil mechanics, ground improvement, and geotechnical materials
- Initiation and independent development of new research topics in the geotechnical field
- Generation of innovative ideas and technically-scientific solutions for geotechnical applications and construction practice
- Preparation and co-development of project proposals (national and international)
- Execution of practical laboratory and field tests (e.g., soil mechanical tests, compaction tests, in-situ testing methods)
- Scientific handling of service, research, and development projects
- Active representation of the field externally, e.g., to partners, clients, expert committees, and customers
- Collaboration with project partners from industry, public institutions, and research organizations

### Your skills / qualifications

- Successfully completed university degree in geotechnics, civil engineering, soil mechanics, engineering geology, or a related field
- High willingness to engage with various geotechnical topics
- Strong interest in sustainable construction materials, soil improvement methods, ground innovations, and circular economy approaches in civil engineering
- Practical experience in soil mechanics, geotechnics, site investigation, laboratory and field testing, or related areas is desirable
- Strong ability for independent and creative scientific work, with an interest in developing new research fields
- Excellent German language skills (native speaker or at least B2) and

### Contact person

Dipl.-Ing. Steffen Schiecke  
Head of research department  
Special Buildings Materials  
+49 3643 8684-136

### Start of employment

at the earliest possible date

### Duration of employment

Permanent position

### Job Location

IAB – Institut für Angewandte  
Bauforschung Weimar gGmbH,  
99428, Weimar, Thüringen

### Working hours

Full-time (39 h)

### Fields of expertise

Geotechnics / Soil Mechanics /  
Ground Improvement

### Date posted

10. December 2025

English skills (minimum B1) in speaking and writing

- Good team and communication skills as well as confident use of MS Office
- Class B driving license

### **Our benefits**

- Permanent employment at an industry-oriented research institute
- Opportunity to shape a future-oriented field with high personal responsibility and visible impact
- Mobile work and flexible working hours (flexitime)
- Job-related training and doctoral opportunities
- Enhanced social benefits (company pension plan, company kindergarten)
- Company bike leasing (Business Bike, Euro Rad, Linexo)
- Job ticket (Deutschlandticket)
- Corporate fitness (Hansefit)
- Special bonus payments
- 30 days of vacation

### **Applicaton**

Sound interesting? We look forward to receiving your application! Please send your complete application documents, including Job ID 2025-16-SBS-GEO-WMA and your earliest possible starting date, by email to:

[karriere@iab-weimar.de](mailto:karriere@iab-weimar.de)