The **Department of Hydraulic Engineering and Water Resources Management** of the Institute for Modelling Hydraulic and Environmental Systems (IWS) at the University of Stuttgart is looking for a competent, creative, flexible and a team-oriented candidate as **Research Associate**

**Your tasks** include independent scientific work to solve hydraulic and hydro-morphological challenges. You will build, run, and optimize numerical hydro-morphodynamic models of medium- and long-term processes (large scale, 1d and 2d) as well as small-scale phenomena (3d). Prior knowledge in numerical modelling and programming is desirable. The position involves both research and teaching; lectures are in English (Water Resources Engineering and Management, and Infrastructure Planning). Ideally, you have additional knowledge in ecohydraulics and experience with physical modelling of hydromorphological processes to perform combined numerical-physical studies of fluvial ecosystems.

**Anforderungsprofil**

We are looking for a candidate who holds a Master degree (or similar) in civil or environmental engineering (or similar) with experience in hydraulic engineering, sediment transport and numerical modelling. The successful candidate has very good English skills (spoken and written). German language skills are not required, but we will support your willingness to learn German. Programming skills for data processing and analyses are advantageous.

The position involves writing a PhD thesis to earn a doctoral degree (Dr.-Ing.) along side applied research. The position starts with a probationary year and will then be extended by a maximum of five years.

We offer interesting and challenging projects, independent work, practice-oriented research and personal development in national and international exchange. Please send your application electronically to

Prof. Dr.-Ing. Silke Wieprecht

abt1-bewerbung@iws.uni-stuttgart.de

**Vergütung**

TVL E13

**Art der Beschäftigung**

Vollzeit
Zeitraum der Beschäftigung: nach Vereinbarung
Bewerbungsfristende: Sonntag, 5. April 2020 - 23:59

Kontakt

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