The Center for Applied Geoscience (ZAG) in strong cooperation with the Platform “Environmental Systems” and the Competence Centre for Sustainable Development invites applications for the following position:

**Postdoc on Research for Sustainable Management of Water**

Employment is initially for 3 years; maximum extension is possible until the end of October 2026. The salary is according to the civil service pay TV-L E13 (100%).

Are you looking for an exciting and challenging research position in an interdisciplinary research team? Are you highly motivated to contribute to solutions for pressing environmental challenges and achieving the Sustainable Development Goals (SDGs)? Are you interested in the diverse impacts of anthropogenic activities on human societies and ecosystems alike? Would you like to support sustainable water management with your expertise and motivation and address responsibility, also on a global scale? Then this is your unique opportunity!

We are looking for a dedicated scientist to actively contribute to the interdisciplinary research program of the work group “Environmental Systems Analysis” (http://www.geo.uni-tuebingen.de/arbeitsgruppen/angewandte-geowissenschaften/forschungsbereich/umweltsystemanalyse/arbeitsgruppe.html) in the frame of the Platform “Environmental Systems” and in strong cooperation with the Competence Centre for Sustainable Development (https://uni-tuebingen.de/en/48701) that was recently awarded as an exemplary education initiative by the German UNESCO Commission.

The candidate’s research area in sustainability should be integrated into and complement with the current research activities of the work group with special emphasize on multiple stressors on surface water ecosystems (e.g. pollution, infrastructure development, land-use change). Ideally, this expertise would be combined with socio-economic and ethical interests, e.g. on human health and well-being, inequality, intergenerational justice. Expertise in mathematical modelling is required, and a strong background in analysing environmental processes with appropriate software tools (e.g. Matlab, R, ArcGIS) is an advantage. Expertise in experimental laboratory and/or field research is welcome.

She/He will greatly profit from the well-established links to leading research institutions and international partners, e.g. within the network of the Global Dam Watch initiative (www.globaldamwatch.org) as well as the fruitful collaboration with core international organizations (e.g. IUCN, WWF, TNC).

A doctoral degree and a distinguished record in research are required. Educational skills are desired since the successful candidate is expected to teach courses in the B.Sc. and M.Sc. programmes of the Department of Geosciences as well as in the program Studium Oecologicum at the Eberhard Karls University of Tübingen. The acquisition of third-party funds and (co-)supervision of graduate students will be welcome and supported.
The University of Tübingen is an equal opportunity employer and specifically welcomes applications from female scientists. Preference will be given to applicants with disabilities when qualifications are equivalent.

Please complement your application (cover letter, full CV including list of publications and teaching experience (if applicable), copies of certificates) with a motivation letter of not more than two pages outlining your project idea that contributes to research in sustainability based on global awareness. Please submit your documents as a single pdf-file to Prof. Dr. Christiane Zarfl (christiane.zarfl@uni-tuebingen.de) until January 31, 2020. The applicant should also arrange for two reference letters to be sent to the above mentioned email address. If you have any questions concerning the position, please do not hesitate to contact Christiane Zarfl (christiane.zarfl@uni-tuebingen.de).