



Department of Geological Sciences  
*Jackson School of Geosciences*  
The University of Texas at Austin  
Austin, TX

**Sep. 24, 2018**

Applications are invited for a Postdoctoral Fellow in the newly formed UT Austin Planetary Surface Processes Group, headed by Dr. Tim Goudge. The position is partially funded by a NASA grant entitled “*Hydrology of Lake Overflow Flood Events on Early Mars*”. The goal of this proposal is to characterize the incision history of paleolake outlet canyons on Mars, and the Postdoctoral Fellow will contribute to this research through analysis of orbital remote sensing data and/or numerical modeling efforts. The available funding also provides room for the Postdoctoral Fellow to pursue other topics of interest in the field of planetary surface processes. Applicants are encouraged to discuss/formulate specific research projects they would be interested in working on with Dr. Goudge. More information about Dr. Goudge’s past and ongoing research can be found here: <http://www.timgoudge.com/research.html>.

Researchers with experience in any of the following areas will be preferred: analysis of remote sensing data, particularly topography and/or planetary mission data; numerical modeling of surface processes or landscape evolution; quantitative data analysis, including familiarity with one or more computer coding language(s) (e.g., Python, MATLAB, R, etc.); and/or fluvial sediment transport and bedrock erosion. The position is for two years and includes a competitive salary, benefits, and funding for travel to at least one professional conference each year. The preferred start date of the position is between January and May of 2019; a later start date may be negotiated.

Dr. Goudge is strongly committed to building an inclusive research group with members that have a diverse set of perspectives and backgrounds. Applicants from historically underrepresented groups in STEM fields, with non-traditional backgrounds, and/or with a demonstrated interest in efforts to improve inclusion and diversity in STEM are especially encouraged to apply. Members of the Planetary Surface Processes Group will be housed in the E. P. Schoch building, which has a power assisted door for accessibility.

The Postdoctoral Fellow will have their appointment in the [Department of Geological Sciences](#) within the [Jackson School of Geosciences](#) at [The University of Texas at Austin](#). [Austin](#), the capitol of Texas, is a city of nearly 1 million people, and has a wide array of attractions, including excellent music, food, and outdoor activities.

**Applicants should submit a 1–2 page research statement and their current CV (including publications and names/email addresses for 3 professional references) as a single PDF directly to Dr. Goudge at [tgoudge <at> jsg.utexas.edu](mailto:tgoudge@jsg.utexas.edu) by Nov. 15, 2018 for full consideration.** Please contact Dr. Goudge with any questions about this position. Dr. Goudge will also be at the GSA Fall Meeting in Indianapolis if interested applicants would like to meet to discuss this position.