The new professorship of Circular Economy at TUM Campus Straubing for Biotechnology and Sustainability is focusing on bio and circular economic systems that contribute to the development of sustainable resources.

Our team is looking for a

**Research Associate or PostDoc (m/f/d)**

**Key activities**

In research you carry out interdisciplinary and application oriented research projects. Thereby you develop quantitative models and methods for the analysis, assessment and optimisation of circular economy and bioeconomy systems. The works may cover global flows of critical and strategic materials, local and regional concepts for biomass, biorefinery or industrial symbioses. Moreover, you support the chair’s teaching activities in German and English languages by preparing lecture and tutorial materials, holding tutorials, and advising students.

**Qualification:**

As suitable candidate, you hold an at least good master’s degree or PhD in industrial engineering, business administration, economics, industrial ecology, geoeconomy or similar disciplines. You think analytically, work solution orientated and voluntarily in international and interdisciplinary teams. You show creative thinking and commitment. Willingly, you bring your knowledge and abilities into the long-term development of the new professorship. Ideally, you already have knowledge in the fields of mathematical optimization, simulation, life cycle assessment and/or material flow analysis. Additionally, you are well versed in the German and English language.

**What we offer**

We offer a full-time position as academic staff with the opportunity to pursue a doctoral degree. The position is available immediately. The initial contract will be limited, extensions are intended. A part time employment is possible. Payment will be based on the Collective Agreement for the Civil Service of the Länder (TV-L) at E13 level. TUM strives to raise the proportion of women in its workforce and explicitly encourages applications from qualified women. Applications from disabled persons with essentially the same qualifications will be given preference.

**Application**

If you are interested in working with us, please send your documents by email to Prof. Dr. Magnus Fröhling (magnus.froehling@tum.de). Also for more Information, please do not hesitate to contact him. The deadline for application is **11/30/2019**.