

UJ's Process, Energy and Environmental Technology Station (UJ-PEETS) has an open appointment from **April - June 2021** for a **Master** or **PhD** student. We support Golder Associates Africa who are mandated by the Water Research Commission of South Africa to update the South African Water Quality Guidelines Volume 3: Industrial Use, 2nd edition.

The guidelines have been an extremely important contribution to water resource management in South Africa. Subsequently, the decision support function of water quality guidance has grown and become more complex. Increased scientific understanding of the complexity of water resource systems and adaptive management processes have led to new ways of managing water quality.

In 2008, a national review by the then Department of Water Affairs and Forestry (DWAF) recognised the need for the development of South African Risk-based Water Quality Guidelines. The necessity to extend the application of the water quality guidelines to a risk-based approach and the significance of producing a software-based decision tool to support the decision processes was identified.

Use your software development and coding skills to contribute to managing South Africa's water resources more sustainably

Project : develop the software-based decision tool

Team: join a vibrant and enthusiastic workforce

Submit applications by **31 March 2021**

How:

- Make a 1 minute video why you are the ideal candidate
- Upload to YouTube

What to send:

- Share the YouTube link, a 2 page CV and a recommendation letter via the google form: <https://forms.gle/siqKChLyfhV1XaWG8>

Coding: Photo by [Markus Spiske](#) on [Unsplash](#)