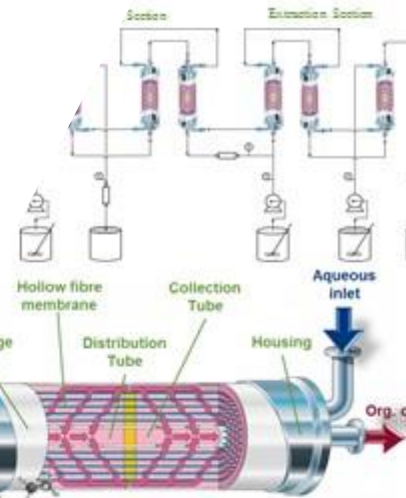


# Hydrometallurgy

Derik van der Westhuizen

Henning Krieg



# Hydrometallurgy

## Group Overview

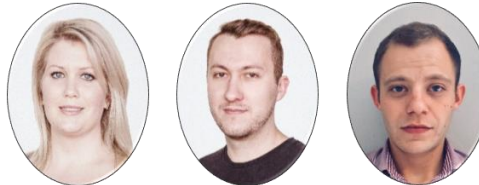
The Hydrometallurgy Research Group maintains a portfolio of fundamental and applied research across a range of hydrometallurgical processes relevant to our industry partners, including refining of precious metals, base metals, nuclear material and rare earths.

## Team

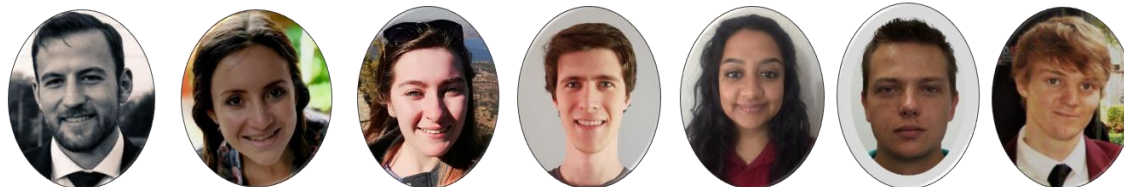
Team members &  
Principle collaborators



Ph.D. students



M.Sc. students



# Hydrometallurgy

## Expertise

The group draws its expertise from a diverse scientific and engineering background offered through experienced researchers from across the world.

We explore both fundamental and applied areas on topics related to hydrometallurgy, like:

- Atmospheric and pressure leaching
- Separation technologies: precipitation, solvent extraction, pertraction, crystallisation and cementation
- Applied membrane technologies: various RFBs
- Electrometallurgy (electrowinning and electrorefining)
- Electrolyte analyses, characterization and simulation
- Process modeling and design, flowsheeting and techno-economic evaluations

Thank you

**Contact details:**

Group leader: Derik van der Westhuizen

E: [derik.vanderwesthuizen@nwu.ac.za](mailto:derik.vanderwesthuizen@nwu.ac.za)

T: +27182992346

M: +27835094535

