

# Ruan van Mazijk, *Curriculum vitae*

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## Education

- MSc candidate (UCT) (2018–present), on *The effects of genome size on plant hydraulic ecophysiology, habitat & phenology in Cape Schoenoid sedges (Cyperaceae: Schoeneae)*. Principle supervisor: A/Prof A.M. Muasya. Co-supervisors: A/Prof G.A. Verboom & A/Prof A.G. West.
- BSc Hons in Biological Sciences (UCT) (2017), on *The role of environmental heterogeneity in determining plant species richness in the Greater Cape Floristic Region & the Southwest Australia Floristic Region*. Supervisors: A/Prof M.D. Cramer & A/Prof G.A. Verboom. Graduated with distinction.
- BSc (UCT) (2016). Majors: Ecology & Evolution, Applied Biology. Distinction in both majors & the degree as a whole.

## Publications

- Cramer, M.D., van Mazijk, R., Wootton, L.M., Verboom, G.A. (In prep.). Edaphic diversity in a global biodiversity hotspot.
- Van Mazijk, R., Cramer, M.D., Verboom, G.A. (In prep.). The role of environmental heterogeneity in determining plant species richness in the Greater Cape Floristic Region & the Southwest Australia Floristic Region.
- Van Mazijk, R., Smythe, L.K., Weideman, E.A., West, A.G. (In review). Isotopic tracing of storm-water in the urban Liesbeek River. *Water SA*.

## Professional affiliations

- South African Association of Botanists (SAAB) member (2017–present).
- Southern African Society for Systematic Biology (SASSB) (2018–present).
- Golden Key International Honour Society member (2015–present).

## Funding & awards

- South African Association of Botanists (SAAB) MSc Student Bursary (inaugural recipient) (R20,000 p.a.) (2018, 2019).
- Dorothy Cameron Scholarship (R20,000 p.a.) (2018).
- UCT Masters Research Scholarship (R25,000 p.a.) (2018).
- DST-NRF Innovation Honours Scholarship (R60,000 p.a.) (2017).
- South African Association of Botanists (SAAB) Honours Scholarship (R10,000 p.a.) (2017).
- UCT Science Faculty Scholarship (R15,000 p.a.) (2015, 2016).
- Dick & Dorothy Borchers Prize (R1,000 p.a.) (UCT) (2015).
- Dean's Merit List (UCT) (2014–2016).
- Class Medals (top of the class) for five Biological Sciences undergraduate courses (UCT) (2014–2016).

## Teaching & leadership experience

- Tutor for *Study Design & Data Analysis for Scientists* (STA2007F/S/H) (UCT) (2017–present). Convenor: A/Prof R. Altwegg (UCT).
- Assistant tutor for *Bionumeracy* (STA1007S) R practicals (UCT) (2016–present). Convenor: A/Prof R. Altwegg (UCT).
- Assistant tutor for short course *SEEC-ACCESS Introduction to statistical modelling & data analysis* (18–20 July 2018). Organiser: A/Prof R. Altwegg (UCT).
- Departmental Representative for the Dept. of Biological Sciences (UCT) (2016).
- Class Representative for three Biological Sciences undergraduate courses (UCT) (2015–2016).
- Hot-seat tutor for *Mathematics for Biology, Earth, & Environmental Sciences* (MAM1004F/S) (UCT) (2015). Convenor: T. van Heerden. Hot-seat organiser: Dr R. Moolman.

## References

- Associate Prof R. Altwegg, Dept. of Statistical Sciences, UCT. Head of Centre for Statistics in Ecology, the Environment and Conservation (SEEC). [res.altwegg@uct.ac.za](mailto:res.altwegg@uct.ac.za), +27 21 650 5750.
- Prof T.A. Hedderson, Dept. of Biological Sciences, UCT. [terry.hedderson@uct.ac.za](mailto:terry.hedderson@uct.ac.za), +27 21 650 4037.