

Toby has extensive experience organising and conducting field data collection campaigns. Toby is an expert numerical modeller, and is adept at using remote sensing and GIS techniques to solve complex challenges in the field of water engineering. Toby's experience has been recognised by Engineers Australia where he is a Chartered Professional Engineer (CPEng) in Environmental Engineering and is 0005 TJETk[h]-3*n1 0 0 1 16068ro62 Tm0 y0 1]TJa1 538. 9 Tfc0 gTJETQq0.000008871 0 595.32 8

Qualifications

BE Hons 1 (Civil Engineering), UNSW, 2015
Chartered Professional Engineer (CPEng) (Environmental) and National Engineering Register (NER) with Engineers Australia
Remote Pilot License (RePL) (Multi- g)

Professional history

2023-Current Principal Engineer, UNSW WRL
2022-2023: Senior Engineer, UNSW WRL
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& monitoring

2018: Tuckean Swamp field investigations
2018-24: Clybucca Wetlands restoration options & monitoring
2020-23: Woodberry Swamp hydrological investigations
2020-22: Kooragang Island (Area E) wetland restoration
2021: East Kinchela (Swan Pool) remediation feasibility study
2022-24: Tomago Wetland hydrological monitoring
2023: Clarence River floodplain blue carbon investigations
2023: Campvale Wetland review of deoxygenation processes
2023: Panboola Wetland hydrological investigation

Estuaries / ICOLLS

2017: Hunter RTf1 0 0 1 235.0IJ841.92 reW*nBT071 0 595.32 841.92 reW*nBT/F1 8.04 Tf1 0 0 1 111.02 217.97 Tm0 g0 G[Tf1 0 0 13)-

Publications

Tucker, TA (2015) *Application of 2D models to examine sand bar recovery at Narrabeen-Collaroy*, Honours Thesis, UNSW.
Modra, BD, Blacka, MJ, Deiber, M, Drummond, CD, Harrison, AJ, **Tucker, TA** and Miller, BM (2016) *Amrun fishway and*