

PUBLICLY AVAILABLE EDITING WORK BY CLARE MORRISON

SINCE 2000

Postgraduate Theses (non-supervisor editing)

PhD

1. Ansong, M. 2015. *Unintentional human dispersal of weed seed*. Griffith University. Submitted September 2015.
2. Barros, A. 2013. *Ecological impacts of visitor use, Aconcagua Provincial Park, Argentina*. Griffith University. Submitted September 2013, accepted January 2014.
3. Familiar Lopez, M. 2015. *Distribution, ecology, disease and physiology of a mountain-top endemic frog in the face of climate change: a study on *Phyllorhina loveridgei**. Griffith University. Submitted September 2015.
4. Grignon, J. 2010. *Post-larval capture and culture (PCC) for coral reef fish stock enhancement in Fiji*. University of Perpignan. Submitted November 2010, accepted December 2010.
5. Korosi, D. 2013. *Environmental and Social impacts of Ecotourism: A comparative analysis of assessment procedures between Australia and Mexico*. University of Wollongong. Submitted July 2013, accepted July 2014.
6. Li, L. 2011. *Nanostructured TiO₂ PEC based analytical systems for determination of organic compounds*. Griffith University. Accepted 2011.
7. Li, S. 2015. *Graphene-based composites as anode materials for rechargeable batteries*. Griffith University. Submitted April 2015, accepted August 2015.
8. Ling, M. 2015. *Development of green electrode fabrication technologies for low cost and high performance lithium ion batteries*. Griffith University. Submitted February 2015, accepted March 2015.
9. Liu, P. 2011. *Synthesis of TiO₂-based nanostructures by hydrothermal method and their applications*. Griffith University. Submitted January 2011, accepted May 2011.
10. Macgregor, S. 2015. *Locating adaptive diversity in the face of climate change*. James Cook University. Submitted September 2015.
11. Mosadeghi, R. 2013. *A Spatial Multi-Criteria Decision Making Model for Coastal Land Use Planning*. Griffith University. Submitted November 2013, accepted June 2014.
12. Mossaz, A. 2015. *Decision power in high-end tourism: the role of travel agents in wildlife conservation*. Griffith University. Submitted February 2015, accepted May 2015.
13. Rossi, S. 2015. *Factors affecting people-park relationships in peri-urban national parks*. Griffith University. Submitted December 2014, awarded August 2015.
14. Runkowski, M. 2015. *The impacts of recreational trail infrastructure on threatened plant communities*. Griffith University. Submitted August 2015.

15. Qiu, J. 2014. *Carbonaceous and Hydrogenated Nanostructured Materials for Energy Storage Devices*. Griffith University. Submitted August 2014, accepted December 2014.
16. Sun, T. 2015. *A combined photoelectrochemical and theoretical study to understand adsorption properties of organic molecules on TiO₂ surfaces*. Griffith University. Revisions submitted September 2015.
17. Treby, D. 2014. *Hollow bearing trees as a habitat resource along an urbanisation gradient*. Griffith University. Submitted December 2013, accepted July 2014.
18. Wen, W. 2011. *Development of new characterisation methods to study the photocatalysis processes at nanoparticulate TiO₂ film electrodes*. Griffith University. Submitted December 2010, accepted March 2011.
19. Yu, H. 2011. *Modification of TiO₂ Photoanodes for Dye-Sensitized Solar Cells*. Griffith University. Submitted June 2011, accepted November 2011.

Masters Level

1. Boseto, D. 2006. *Diversity, distribution and abundance of Fijian freshwater fishes*. University of the South Pacific.
2. Movono, M. 2012. *The impact of live rock harvesting on fish abundance, substrate composition and reef topography along the Coral Coast, Fiji Islands*. University of the South Pacific.
3. Rounds, I. 2007. *Conservation, management and ethnobotany of sago (Metroxylon vitiense) in South-East Viti Levu, Fiji Islands*. University of the South Pacific.
4. Takahashi, E. 2000. *Life history characteristics of double-ended pipefish, Syngnathoides biaculeatus (Bloch), in Moreton Bay, Queensland, Australia*. Griffith University.
5. Vave, R. 2005. *Coral recruitment during a post-bleaching recovery period*. University of the South Pacific.

Honours Level

1. Pont, L-M. 2015. *The impacts of permaculture on local communities: the permablitz case study*. Griffith University.

Journal articles and book chapters

Chemistry

1. Liu, J., Liu, W., Wu, Y. *In review*. Nutrient removal by an up-scaling hybrid floating treatment bed (HFTB) using plant and periphyton: from laboratory tank to polluted river.
2. Wan, J., Liu, X., Kerr, P.G., Wu, C., Wu, Y. *In review*. Comparison of the properties of periphyton attached to modified agrowastes carriers.

3. Wang, F., Liu, J., Lu, H., Wan, J., Yang, J., Wu, Y. *In review*. Investigation of adsorption and absorption mechanisms during copper (II) removal by cultured periphyton.
4. Huang, R., Lu, M., Wang, P., Wu, J., Fu, M., Chen, L., Ye, D. *In review*. Enhancement of the non-thermal plasma-catalytic system with different zeolites for toluene removal.
5. Haiying, L., Juanjuan, W., Li, J., Wu, Y. *In review*. Periphytic biofilm: a buffer for phosphorus precipitation and release between sediments and water.
6. Wu, Y. *In review*. Allelopathic action of periphytic biofilm on *Microcystis aeruginosa* under hyper-eutrophic conditions.
7. Yang, J., Tang, C., Wang, F. Wu, Y. *In review*. Simultaneous removal of Cu and Cd from aqueous phase in paddy fields by native periphyton. *Journal of Hazardous Materials*.
8. Wan, J., Liu, X., Wu, C., Wu, Y. *In review*. The capturing and recycling of nutrients by periphyton attached on modified agrowaste carriers.
9. Feng, Y., Yang, L., Zhou, H., Xue, L., Lu, H., Wu, Y. *In review*. Purification of synthetic dye wastewater by a Hybrid Adsorption-Periphyton Reactor (HAPR): performance and mechanisms.
10. Ling. M., Xu, Y., Zhao, H., Gu, X., Qiu, J., Li, S., Wu, M., Song, X., Yan, C., Liu, G., Zhang, S. *In review*. Dual-functional Gum Arabic Binder for Silicon Anodes in Lithium Ion Batteries. *Energy and Environmental Science*.
11. Lu, H., Yang, L., Qiao, J., Feng, Y., Peng, S., Wang, J., Zhou, H., Wu, Y. *In review*. Evaluating the process of removing inorganic phosphorus by periphyton biofilms.

12. Li, L., Zhang, S., Li, G., Zhao, H. 2012. Determination of chemical oxygen demand of nitrogenous organic compounds in wastewater using synergetic photoelectrocatalytic oxidation effect at TiO₂ nanostructured electrode. *Analytica Chimica Acta*, 754:47-53.
13. Li, T., Bo, L., Yang, F., Zhang, S., Wu, Y., Yang, L. 2012. Comparison of the removal of COD by a hybrid bioreactor at low and room temperature and the characteristics of the associated microbial communities. *Bioresource Technology*, 108: 28-34.
14. Lu, H., Yang, L., Zhang, S., Wu, Y. 2014. The behaviour of organic phosphorous under non-point source wastewater in the presence of phototrophic periphyton. *PLoS ONE* DOI: 10.1371/journal.pone.0085910.
15. Qiu, J., Zhang, S., Zhao, H. 2012. Nanostructured TiO₂ photocatalysts for the determination of organic pollutants. *Journal of Hazardous Materials*, 211-212: 381-388.
16. Shangguan, H., Liu, J., Wu, Y. 2015. Start-up of a spiral periphyton bioreactor (SPR) for removal of COD and the characteristics of the associated microbial community. *Bioresource Technology* 193: 456-462.
17. Wu, Y., Jiangzhou, H., Yang, L. 2010. Evaluating adsorption and biodegradation mechanisms during the removal of microcystin-RR by periphyton. *Environmental Science & Technology*, 44: 6319–6324.
18. Wu, Y., Li, T., Yang, L. 2012. Mechanisms of removing pollutants from aqueous solutions by microorganisms and their aggregates: A review. *Bioresource Technology* 107: 10-18.

19. Wu, Y., Liu, J., Yang, L., Chen, H., Zhang, S., Zhao, H., Zhang, N. 2011. Allelopathic control of cyanobacterial blooms by periphyton biofilms. *Environmental Microbiology*, 13: 604-615.
20. Wu, Y., Zhang, S., Zhao, H., Yang, L. 2010. Environmentally benign periphyton bioreactors for controlling cyanobacterial growth. *Bioresource Technology* 101: 9681-9687.

Ecological economics

1. Vargas, A. *In review*. Influence of background inequalities on participation in deliberative valuation: lessons from small-group discussions of forest conservation in Colombia. *Ecological Economics*.
2. Vargas, A. *In review*. Public deliberation on payment for ecosystem services: a case study of tropical dry forest conservation in Colombia. *Land Use Policy*.
3. Vargas, A. Diaz, D. *In review*. Going along with the crowd? The importance of group effects for environmental deliberative money valuation.

Education

1. Pickering, CM., Byrne, J. 2014. The benefits of publishing systematic quantitative literature reviews for PhD candidates and other early career researchers. *Higher Education Research and Development* 33: 534-548.
2. Pickering, CM., Grignon, J., Steven, R., Guitart, D., Byrne, J. 2014. Publishing not perishing: How research students transition from novice to knowledgeable using systematic quantitative literature reviews. *Studies in Higher Education*. DOI: 10.1080/03075079.2014.914907.

GIS and spatial planning

1. Mosadeghi, R., Warnken, J., Tomlinson, R., Mirfenderesk, H. *In review*. A comparison of Fuzzy-AHP and AHP Performance in a Spatial Multi-Criteria Decision Making model for land-use Planning.
2. Mosadeghi, R., Warnken, J., Tomlinson, R., Mirfenderesk, H. 2013. Uncertainty analysis in the application of multi-criteria decision-making methods in Australian strategic environmental decisions. *Journal of Environmental Planning and Management*, 56: 1097-1124.

Natural Sciences

1. Ballantyne, M., Treby, DL., Quarmby, J., Pickering, CM. *In review*. The effect of different types of recreational trails on vegetation in an endangered woodland. *Biodiversity and Conservation*.
2. Hill, W, Byrne, J. *In review*. Attention deficit: Past research and future directions for political ecology research on ecotourism and conservation. *Progress in Human Geography*.
3. Rossi, SD. *In review*. Not in our park! Local community perceptions about recreational activities in peri-urban national parks.
4. Romero-Brito, T., Buckley, R., Byrne, J. *In review*. Non-governmental organisations and ecotourism: a global framework. *PLOS One*.
5. Ansong, M., Pickering, CM. *In press*. The effects of seed traits and fabric type on the retention of seed on different types of clothing. *PLOS One*.
6. Ansong, M., Pickering, CM. 2015. What's a weed? Knowledge, attitude and behaviour of park visitors about weeds. *PLOS One* 10(8): e0135026. DOI: 10.1371/journal.pone.0135026
7. Ansong, M., Pickering, CM. 2014. Weed seeds on clothing: a global review. *Journal of Environmental Management* 144: 203-211.
8. Ansong, M., Pickering, CM. 2013a. Are weeds hitchhiking a ride on your car? A systematic review of seed dispersal on cars. *PLoS One* 8: e80275.
9. Ansong, M., Pickering, CM. 2013b. A global review of weeds that can germinate from horse dung. *Ecological Management and Restoration* 14: 216-223.
10. Ballantyne, M., Pickering, CM. 2015. The impacts of trail infrastructure on vegetation and soils: current literature and future directions. *Journal of Environmental Management* 164: 53-64.
11. Ballantyne, M. Pickering, CM. 2015. Shrub facilitation is an important driver of alpine plant community diversity and functional composition. *Biodiversity and Conservation* 24: 1859-1875.
12. Ballantyne, M. Pickering, CM. 2015. Differences in the impacts of formal and informal recreational trails on an endangered forest. *Journal of Environmental Management* 159: 94-105.
13. Ballantyne, M. Pickering, CM. 2015. Recreational trails as a source of negative impacts on the persistence of keystone species and facilitation. *Journal of Environmental Management* 159: 48-57.
14. Ballantyne, M., Pickering, CM. 2013. Tourism and recreation: a common threat to IUCN red-listed vascular plants in Europe. *Biodiversity and Conservation*, 22: 3027-3044.
15. Ballantyne, M., Pickering, CM. 2012. Ecotourism as a threatening process for wild orchids. *Journal of Ecotourism*, 11: 34-47.

16. Ballantyne, M., Gudes, O., Pickering, CM. 2014. Recreational trails are an important cause of fragmentation in endangered urban forests; A case-study from Australia. *Landscape and Urban Planning*, 130: 112-124.
17. Ballantyne, M., Pickering, CM., McDougall, KL., Wright, GT. 2014. Sustained impacts of a hiking trail on changing Windswept Feldmark vegetation in the Australian Alps. *Australian Journal of Botany* **62**, 263-275.
18. Barros, A., Pickering CM., Gudes, O. 2015. Desktop analysis of potential impacts of visitor use: a case study for the highest park in the Southern Hemisphere. *Journal of Environmental Management* 150: 179-195.
19. Barros, A., Gonnet, J., Pickering, CM. 2013. Impacts of informal trails on vegetation and soils in the highest protected area in the Southern Hemisphere. *Journal of Environmental Management*, 127: 50-60.
20. Barros, A., Pickering, CM. 2014. Impacts of experimental trampling by hikers and pack animals on a high altitude alpine sedge meadow in the Andes. *Plant Ecology & Diversity*, doi: 10.1080/17550874.17552014.17893592.
21. Barros, A., Pickering, CM. 2014. Impacts of experimental trampling by hikers and pack animals on a high altitude alpine sedge meadow in the Andes. *Plant Ecology and Diversity*. doi: 10.1080/17550874.17552014.17893592
22. Barros, A., Pickering, CM. 2014. Non-native plant invasion in relation to tourism use of Aconcagua Provincial Park, Argentina, the highest protected area in the Southern Hemisphere. *Mountain Research and Development* 34: 13-26.
23. Barros, A., Pickering, CM., Renison, D. 2014. Short- term effects of pack animals grazing exclusion from Andean alpine meadows. *Arctic, Antarctic and Alpine Research* 46:41-51.
24. Barros, A., Pickering, CM. 2012. Informal trails fragment the landscape in a high conservation area in the Andes. In: *Proceedings of the 6th international conference on monitoring and management of visitors in recreational and protected areas*, ed. P. Fredman, M. Stenseke, H. Liljendahl, A. Mossing and D. Laven, 360–361. Stockholm: Mittuniversitetet.
25. Barros, A., Monz, C., Pickering, CM. 2014. Is tourism damaging ecosystems in the Andes? Current knowledge and an agenda for future research. *Ambio* DOI 10.1007/s13280-014-0550-7.
26. Hill, W., Pickering, CM., Byrne, J. 2015. The ‘hollow-middle’: Why positive community attitudes do not translate into pro-conservation behaviour in El Vizcaíno Biosphere Reserve, Mexico. *International Journal of Biodiversity Science, Ecosystem Services & Management*. 11: DOI: 10.1080/21513732.2015.1036924
27. Pickering, CM, Barros, A. 2015. Using functional traits to assess the resistance of sub-alpine grassland to trampling by mountain biking and hiking. *Journal of Environmental Management*. 164, 129-136.
28. Pickering, CM, Barros, A. 2013. Mountain Environments and Tourism. *The Routledge Handbook of Tourism and the Environment* (eds A. Holden, D. Fennell). United Kingdom: Routledge, pp. 183-191.

29. Pickering, CM, Ballantyne, M. 2013. Orchids: an example of charismatic megafauna tourism? *The Routledge Handbook of Tourism and the Environment* (eds A. Holden, D. Fennell). United Kingdom: Routledge, pp. 192-199.
30. Pickering, CM, Barros, A.A., Venn, S., Green, K. 2014. A resurvey of late-lying snowpatches reveals changes in both species and functional composition across snowmelt zones. *Alpine Botany* 124: 93-103.
31. Pickering, CM, Rossi, S, Barros, A. 2011. Assessing the impacts of mountain biking and hiking on subalpine grassland in Australia using an experimental protocol. *Journal of Environmental Management*, 92: 3049-3057.
32. Rankin, B, Ballantyne, M, Pickering, CM. 2015. Tourism and recreation listed as a threat for a wide diversity of vascular plants: a continental scale review. *Journal of Environmental Management* 154: 293-298.
33. Rossi, SD, Pickering, CM, Byrne, JA. 2015. The role of distance in peri-urban park use: who uses them and how far do they travel? *Applied Geography* 63: 77-88.
34. Spenceley, A., Kohl, J., McArthur, S., Myles, P., Notarianni, M., Paleczny, D., Pickering, C. and Worboys, G. L. (2015). 'Visitor management', in G. L. Worboys, M. Lockwood, A. Kothari, S. Feary and I. Pulsford (eds) *Protected Area Governance and Management*, pp. 715–750, ANU Press, Canberra.
35. Steven, R., Pickering, C.M., Castley, J.G. 2011. A review of the impacts of nature based recreation on birds. *Journal of Environmental Management*, 92: 2287-2294.
36. Treby, DL, Castley, JG. *In press*. The impacts of historical and landscape variables on hollow-bearing trees along an urbanisation gradient. *Urban Forestry & Urban Greening*
37. Treby, DL, Castley, JG. 2015. Distribution and abundance of hollow-bearing trees in urban fragments. *Urban Forestry & Urban Greening* 14: 655-663.

Reports and Assessments

1. Morrison, C. and Nawadra, S. (eds). 2010. *A rapid biodiversity assessment of the Nakorotubu Range, Ra and Tailevu Provinces, Fiji*. RAP Bulletin of Biological Assessment #59. Conservation International, Arlington, VA, USA.
2. Morrison, C. and Nawadra, S. (eds). 2010. *A rapid biodiversity assessment of the Nakauvadra Highlands, Ra Province, Fiji*. RAP Bulletin of Biological Assessment #57. Conservation International, Arlington, VA, USA.
3. Tuiwawa, M. and Morrison, C. (eds). 2006. *Consolidated Biodiversity Report for the Sovi Basin*. Consultancy report for Conservation International, Suva, 35pp.
4. Tuiwawa, M. and Morrison, C. (eds). 2006. *Consolidated Biodiversity Report for the Wabu Forest Reserve*. Consultancy report for Conservation International, Suva, 22pp.
5. Morrison, C. (ed.). 2006. *Third Baseline Flora and Fauna Survey and Establishment of Long-term Monitoring Plots in the Sovi Basin, Naitasiri, 20-31 March, 2006*. IAS Technical Report, USP, 95pp.

6. Morrison, C. (ed.). 2004. *Second Baseline Flora and Fauna Survey of the Sovi Basin, Naitasiri, 13-20 October, 2004*. IAS Technical Report, USP, 31pp.
7. Morrison, C. (ed.). 2004. *Baseline Flora and Fauna Survey of the Wabu Forest Reserve, 16-22 November 2003*. IAS Technical Report, USP, 36pp.
8. Morrison, C. (ed.). *Baseline Flora and Fauna Survey of the Sovi Basin, Naitasiri, 5-17 May, 2003*. IAS Technical Report No. 2003/05, USP, 31pp.
9. Morrison, C. and Tuiwawa, M. (eds). 2003. *APN/PABITRA Field Biology Techniques Training and Joint Analysis Workshop, November 2002*. IAS Technical Report, USP, 31pp.