

School of Agriculture, Biomedicine and Environment

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- Acharya, S.**, Holland, A., Rees, G., Brooks, A., Coleman, D., Hepplewhite, C., Mika, S., **Bond, N.** & Silvester, E. (2023). Relevance of tributary inflows for driving molecular composition of dissolved organic matter (DOM) in a regulated river system. *Water Research*, 13.4, <https://doi.org/10.1016/j.watres.2023.119975>
- Andrades, R., **González-Murcia, S.**, Buser, T.J. *et al.* (2023). Ecology, evolution and conservation of tidepool fishes of the Americas. *Rev Fish Biol Fisheries* **33**, 1263–1290. <https://doi.org/10.1007/s11160-023-09798-z>
- Bieroza, M., **Acharya, S.**, Benisch, J., ter Borg, R.N., Hallberg, L. Negri, C. *et al.* (2023). Advances in Catchment Science, Hydrochemistry, and Aquatic Ecology Enabled by High-Frequency Water Quality Measurements. *Environmental Science & Technology* 2023, 57:12, 12pp, 4701-4719. <https://doi.org/10.1021/acs.est.2c07798>
- Bovill, W.D., Downes, B.J., **Bond, N.R.** *et al.* A large-scale field experiment across six rivers illustrates how the effects of resource enrichment are context dependent. *Oecologia* (2023). <https://doi.org/10.1007/s00442-023-05368-z>
- Consoli, G., **Siebers, A.R.**, Bruder, A. & Robinson, C. T. (2023). Long-term reconstruction of energy fluxes in an alpine river: Effects of flow regulation and restoration. *River Research and Applications*, 1– 12. <https://doi.org/10.1002/rra.4189>
- C.T.U., Le, Paul, W.L., Gawne, B. & **Suter, P.** (2023). Integrating simulation models and statistical models using causal modelling principles to predict aquatic macroinvertebrate responses to climate change. *Water Research*. <https://doi.org/10.1016/j.watres.2023.119661>
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- Ding, C., Sun, J., Huang, M., **Bond, N.**, Ding, L. and Tao, J. (2023), Cover Image. *Freshwater Biology*, 68: i-i. <https://doi.org/10.1111/fwb.13941>

- Ensbey, M., Legge, S., Jolly, C.J., Garnett, S.T., Gallagher, R.V., Lintermans, M., Nimmo, D.G., Rumpff, L., Scheele, B.C., Whiterod, N.S., Woinarski, J.C.Z., Ahyong, S.T., Blackmore, C.J., Bower, D.S., Burbidge, A.H., Burns, P.A., Butler, G., Catullo, R., Chapple, D.G., Dickman, C.R., Doyle, K.E., Ferris, J., Fisher, D.O., Geyle, H.M., Gillespie, G.R., Greenlees, M.J., Hohnen, R., Conrad, J., Hoskin, C.J., Kennard, M., **King, A.J.**, Kuchinke, D., Law, B., Lawler, I., Lawler, S., Loyn, R., Lunney, D., Lyon, J., MacHunter, J., Mahony, M., Mahony, S., McCormack, R., Melville, J., Menkhorst, P., Michael, D., Mitchell, N., Mulder, E., Newell, D., Pearce, L., Raadik, T.A., Rowley, J.J.L., Sitters, H., Southwell, D.G., Spencer, R., West, M. & Zukowski, S. (2023). Animal population decline and recovery after severe fire: Relating ecological and life history traits with expert estimates of population impacts from the Australian 2019-20 megafires. *Biological Conservation* 283: 110021. <https://doi.org/10.1016/j.biocon.2023.110021>
- Gionfriddo, C.**, Soren, A., Wymore, A., Hartnett, S., Podar, M., Parks, J., elias, D. & Gilmore, C. (2023). Transcriptional Control of hgcAB by an ArsR-Like Regulator in *Pseudodesulfovibrio mercurii* ND132. *Applied and Environmental Microbiology*. <https://doi.org/10.1128/aem.01768-22>
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- McInerney, P.J., **Shackleton, M.E.**, **McPhan, L.**, Holland, A. & Rees, G.N. (2023). Can You See the Algae for the Slime? Temporal Patterns of Biofilm Food Quality and Quantity in Lowland Rivers. *Ecosphere* 14(10): e4680. <https://doi.org/10.1002/ecs2.4680>
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- Morais, L.**, Gusso-Choueri, P., Abreu, F., Castro, I., Abessa, D. & Choueri, R. (2023). Multilevel assessment of chorothalonil sediment toxicity to Latin American estuarine biota: Effects on biomarkers, reproduction and survival in different benthic organisms. *Science of the total Environment*, vol. 872. <https://doi.org/10.1016/j.scitotenv.2023.162215>
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- Suter, P.J.**, **Mynott, J.H.** & Webb, J.M. (2023). The first record of *Caenis* Stephens, 1835 in Australia (Ephemeroptera: Caenidae) with descriptions of two new species. *Zootaxa* 5228:477–488. <https://doi.org/10.11646/zootaxa.5228.4.6>
- Suter, P.J.**, Webb, J.M. & Gattolliat, J.-L. (2023). *Skolomystax*, a new genus for the Australian species formerly included in *Centroptilum* Eaton (Ephemeroptera: Baetidae). *Memoirs of Museum Victoria*, 82:1–48. <https://doi.org/10.24199/j.mmv.2023.82.01>
- Tao, J., **Bond, N.**, Tun, N. & Ding, C. (2023). Keep the Salween River free-flowing. *Science*. <https://www.science.org/doi/10.1126/science.adi9117>

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Bond, N., Drieberg, C. (2023). Waterway Health Monitoring Program review. Report prepared by Streamology for Blacktown City Council, NSW.

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Shipp, A., Quek, Y., Neal, B., Lang, S., Hart, B., **Bond, N.** & Clarke, H. (2023). [Alluvium and HARC 2023, Type of conditions that could apply to water access for Latrobe Valley mine rehabilitation and associated risks and benefits](#). Report prepared for the Department of Energy, Environment and Climate Action.