

# Greg Pelletier

Senior Scientist

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## Education

M.S.E., environmental engineering, University of Washington, Seattle, WA, 1985

B.S., environmental studies, Springfield College, Springfield, MA, 1979

## Professional Experience

Senior Scientist, Southern California Coastal Water Research Project, Costa Mesa, CA. 2019-present

Environmental Engineer, Washington State Department of Ecology, Olympia, WA. 1988-2019

Environmental Scientist, Harper-Owes, Seattle, WA. 1984-1988

Environmental Scientist Intern, Municipality of Metropolitan Seattle, Seattle, WA. 1982-1984

Environmental Scientist, Herrera Environmental Consultants, Seattle, WA. 1982-1983

Research Assistant, University of Washington, Department of Civil Engineering, Seattle, WA. 1979-1981

## Selected Publications

Nakayama, T. and G. Pelletier. 2018. Impact of global major reservoirs on carbon cycle changes by using an advanced eco-hydrologic and biogeochemical coupling model. *Ecological Modelling*, 387:172-186. <https://doi.org/10.1016/j.ecolmodel.2018.09.007>

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Geophysical Research – Oceans, 123(7): 4735-4761. <https://doi.org/10.1029/2017JC013650>

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Sharma, D, A Kansal, and G Pelletier. 2017. Water quality modeling for urban reach of Yamuna river, India (1999–2009), using QUAL2Kw. *Appl Water Sci*, 7:1535. <https://doi.org/10.1007/s13201-015-0311-1>

Cox, TJ, DF Turner, GJ Pelletier, and A Navato. 2015. Stochastic water quality modeling of an impaired river impacted by climate change. *ASCE J Env Eng*, 141(11). [https://doi.org/10.1061/\(ASCE\)EE.1943-7870.0000971](https://doi.org/10.1061/(ASCE)EE.1943-7870.0000971)

Hobson, AJ, BT Nielson, N von Stackelberg, M Shupryt, J Ostermiller, G Pelletier, and SC Chapra. 2014. Development of a minimalistic data collection strategy for QUAL2Kw. *ASCE J. Water Resour. Plann. Manage.* [https://10.1061/\(ASCE\)WR.1943-5452.0000488](https://10.1061/(ASCE)WR.1943-5452.0000488)

Verones, F, MM Hanafiah, S Pfister, MAJ Huijbregts, GJ Pelletier, and A Koehler. 2010. Characterization Factors for Thermal Pollution in Freshwater Aquatic Environments. *Environ. Sci. Technol*, 44(24):9364-9369. <http://dx.doi.org/10.1021/es102260c>

Turner, DF, GJ Pelletier, and B Kasper. 2009. Dissolved Oxygen and pH Modeling of a Periphyton Dominated, Nutrient Enriched River. *ASCE J Env Eng*, 135:8. [http://dx.doi.org/10.1061/\(ASCE\)0733-9372\(2009\)135:8\(645\)](http://dx.doi.org/10.1061/(ASCE)0733-9372(2009)135:8(645))

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Matthews, R, M Hilles, and G Pelletier. 2002. Determining trophic state in Lake Whatcom, Washington (USA), a soft water lake exhibiting seasonal nitrogen limitation. *Hydrobiologia*, 468:1-3,107-121. <http://dx.doi.org/10.1023/A:1015288519122>

## Publications

Nakayama, T. and G. Pelletier. 2018. Impact of global major reservoirs on carbon cycle changes by using an advanced eco-hydrologic and biogeochemical coupling model. *Ecological Modelling*. Volume 387, 10 November 2018, Pages 172-186. <https://doi.org/10.1016/j.ecolmodel.2018.09.007>

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