



Supplement of

Measurements of frazil ice flocs in rivers

Chuankang Pei et al.

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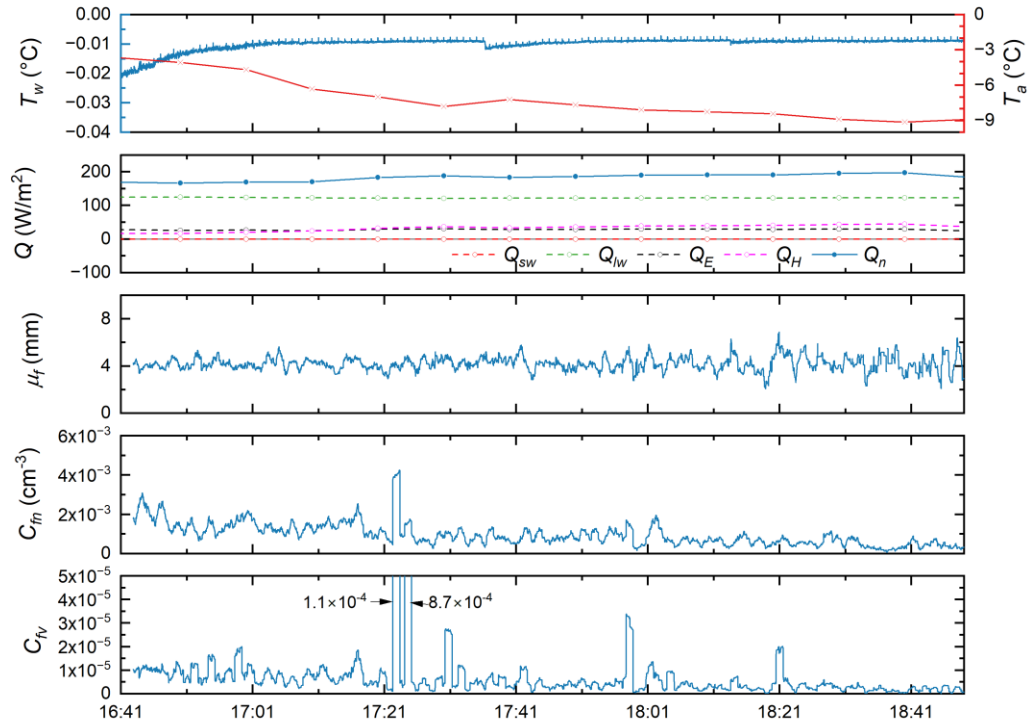


Figure S1. Time series of (a) water and air temperatures T_w and T_a , (b) heat flux Q , (c) floc mean size μ_f , (d) floc number concentration C_{fn} and (e) floc volumetric concentration C_{fv} for deployment NSR-L1 on December 3, 2021.

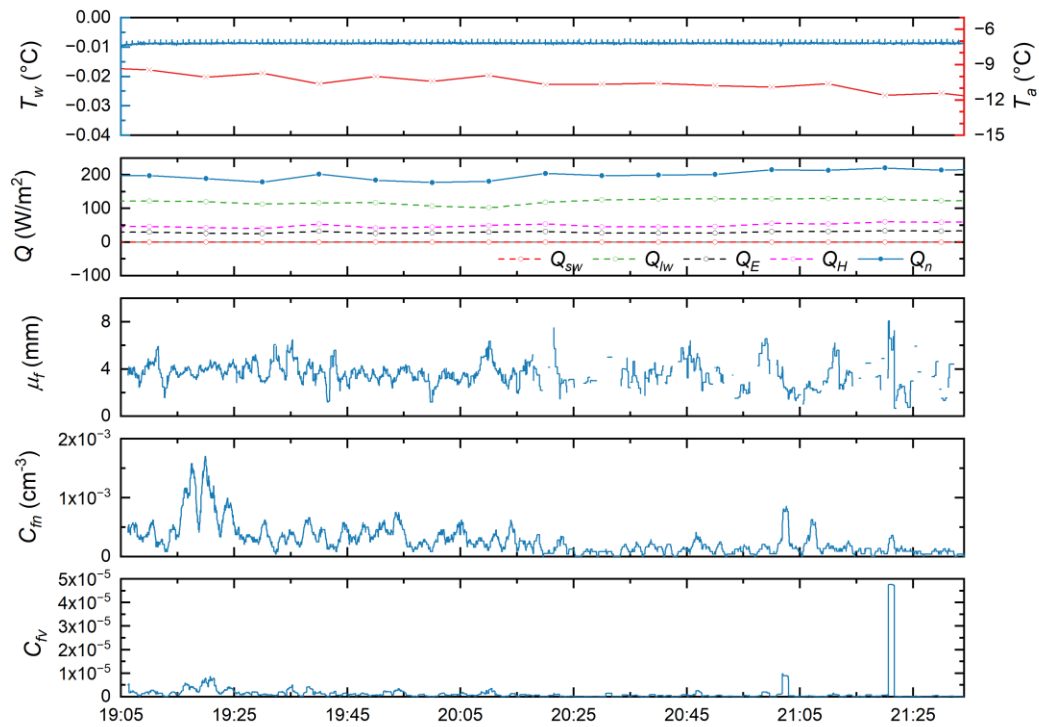


Figure S2. Time series of (a) water and air temperatures T_w and T_a , (b) heat flux Q , (c) floc mean size μ_f , (d) floc number concentration C_{fn} and (e) floc volumetric concentration C_{fv} for deployment NSR-L2 on December 3, 2021.

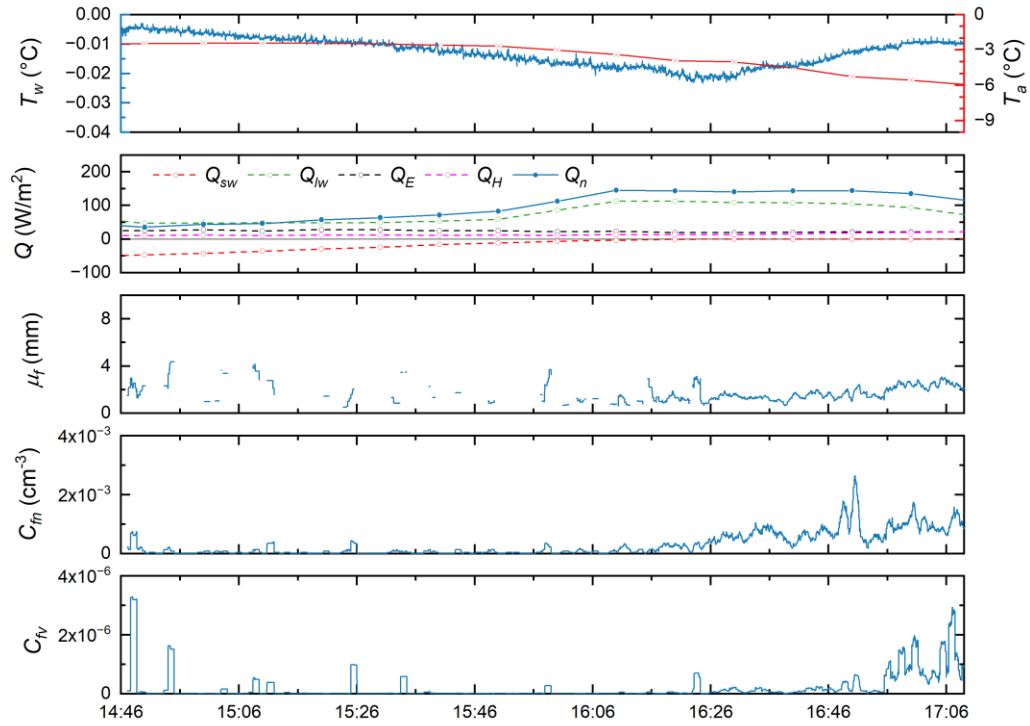


Figure S3. Time series of (a) water and air temperatures T_w and T_a , (b) heat flux Q , (c) flocculation mean size μ_f , (d) flocculation number concentration C_{fn} and (e) flocculation volumetric concentration C_{fv} for deployment NSR-L3 on December 9, 2021.

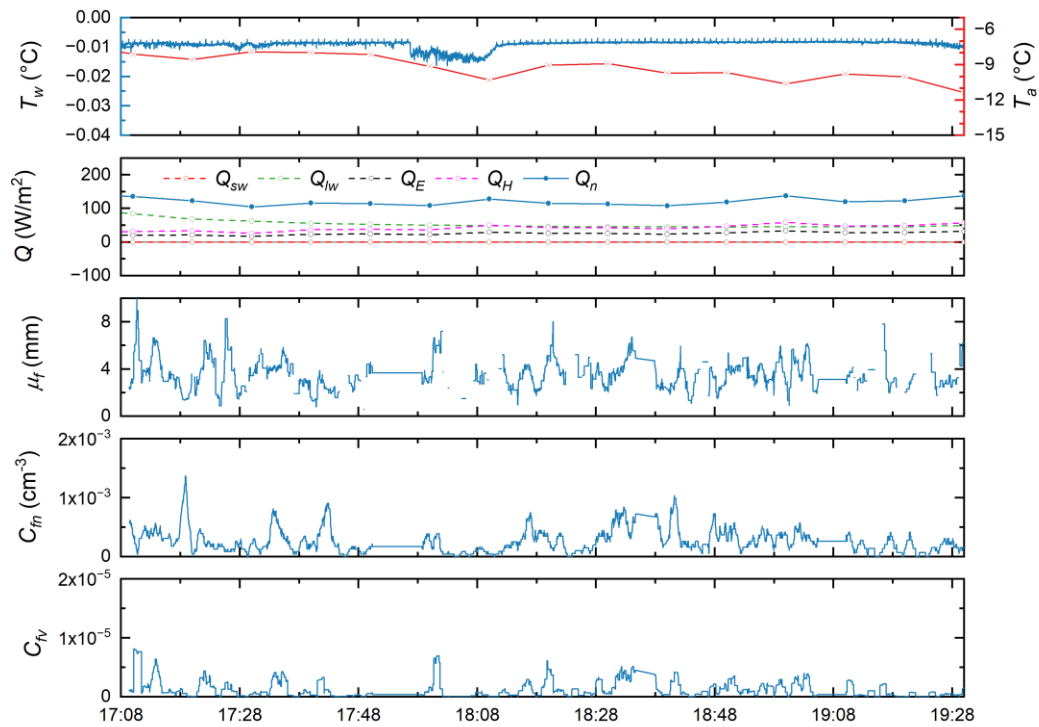


Figure S4. Time series of (a) water and air temperatures T_w and T_a , (b) heat flux Q , (c) flocculation mean size μ_f , (d) flocculation number concentration C_{fn} and (e) flocculation volumetric concentration C_{fv} for deployment NSR-L5 on December 12, 2021.

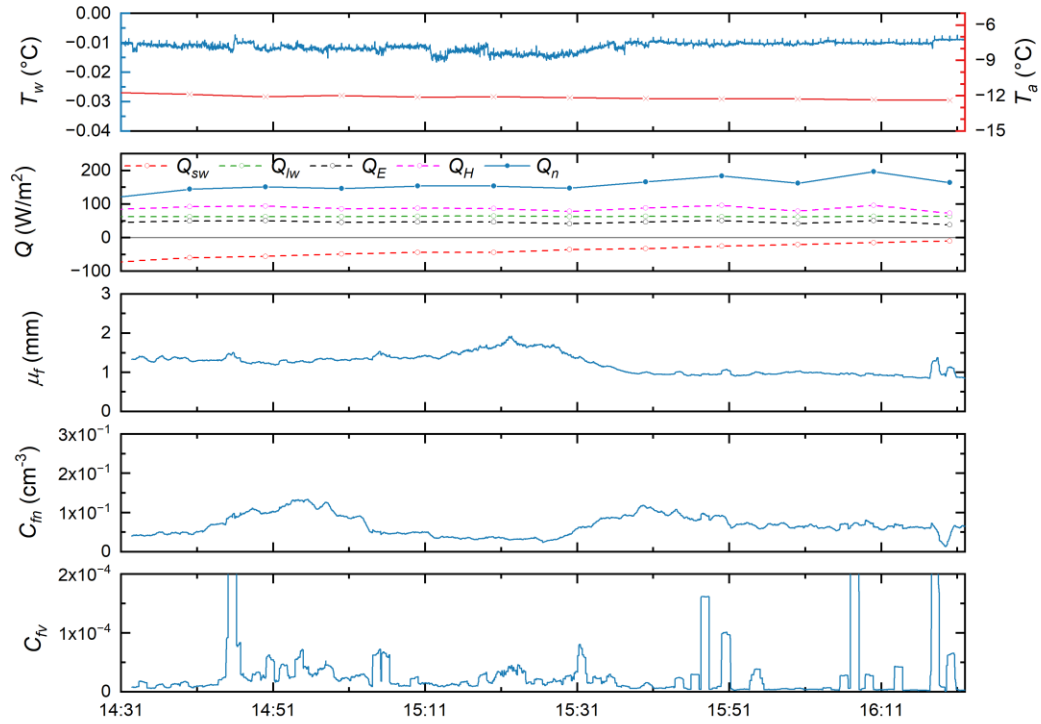


Figure S5. Time series of (a) water and air temperatures T_w and T_a , (b) heat flux Q , (c) flocc mean size μ_f , (d) flocc number concentration C_{fn} and (e) flocc volumetric concentration C_{fv} for deployment NSR-L6 on November 7, 2022.

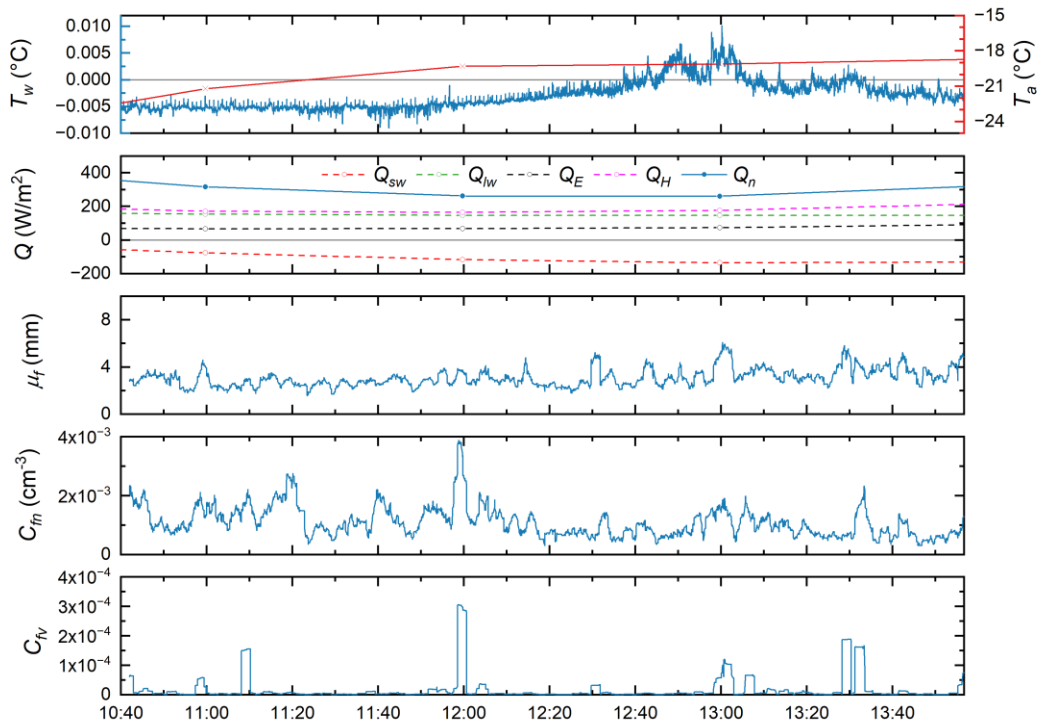


Figure S6. Time series of (a) water and air temperatures T_w and T_a , (b) heat flux Q , (c) flocc mean size μ_f , (d) flocc number concentration C_{fn} and (e) flocc volumetric concentration C_{fv} for deployment PR-F1 on December 12, 2022.

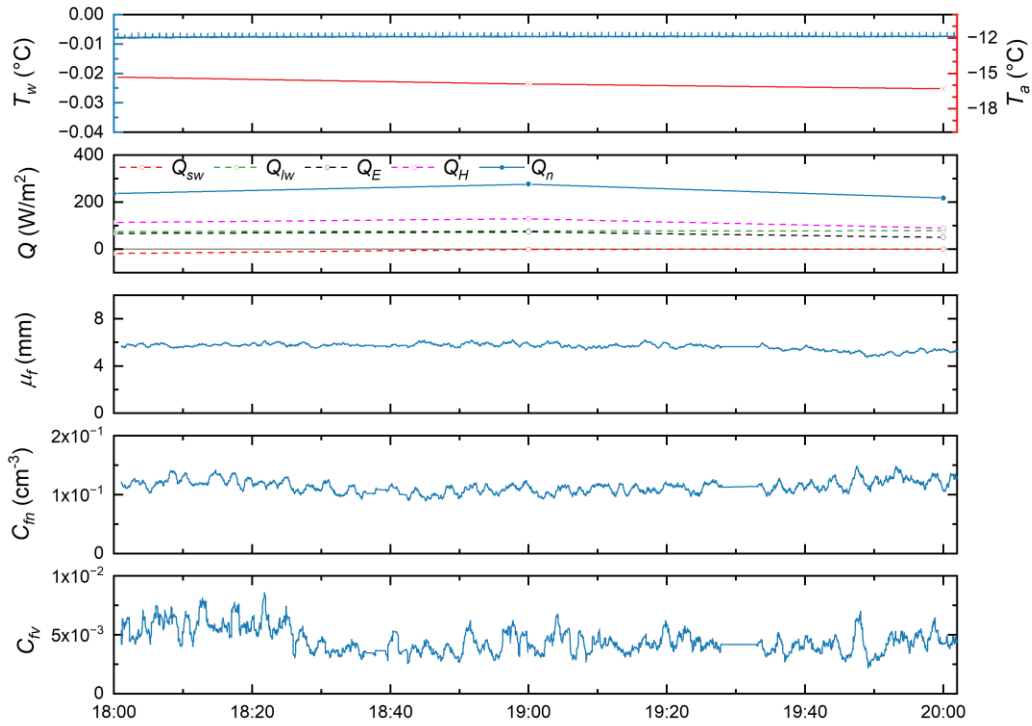


Figure S7. Time series of (a) water and air temperatures T_w and T_a , (b) heat flux Q , (c) flocc mean size μ_f , (d) flocc number concentration C_{fn} and (e) flocc volumetric concentration C_{fv} for deployment KR-E1 on January 29, 2023.

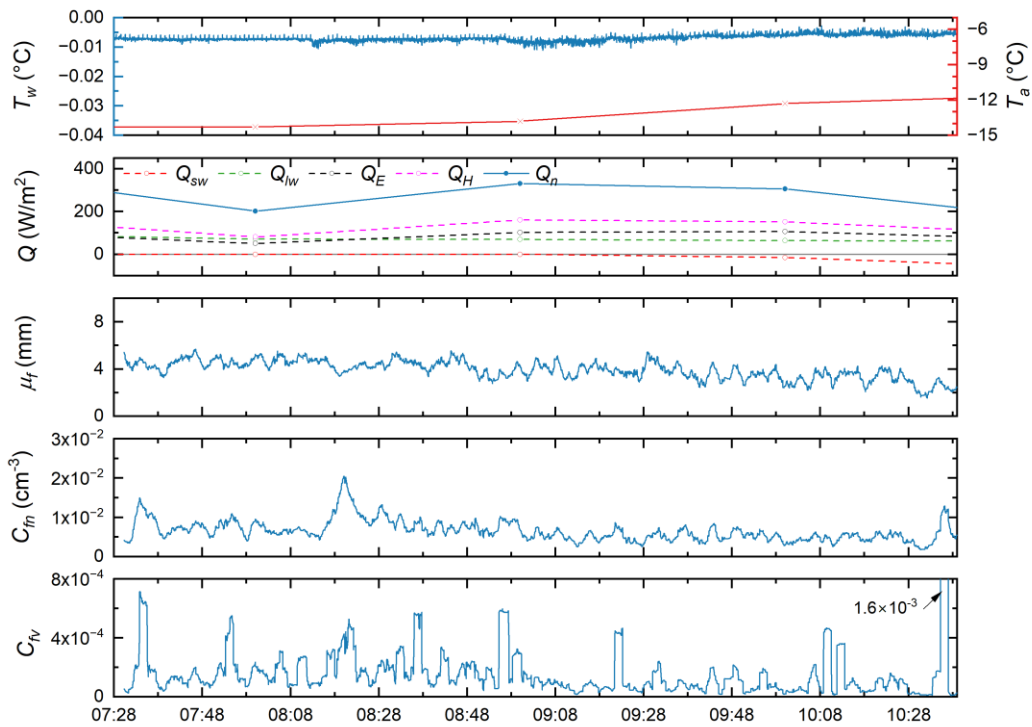


Figure S8. Time series of (a) water and air temperatures T_w and T_a , (b) heat flux Q , (c) flocc mean size μ_f , (d) flocc number concentration C_{fn} and (e) flocc volumetric concentration C_{fv} for deployment KR-F2 on January 31, 2023.