

Article

Assessing Microplastics and Nanoparticles in the Surface Seawater of Venice Lagoon—Part I: Methodology of Research

Teresa Cecchi ¹, Davide Poletto ^{2,*}, Andrei Constantin Berbecaru ³, Elfrida Mihaela Cârstea ⁴ and Maria Râpă ^{3,*}

¹ Chemistry Department, Istituto Technico Tecnologico, Via Montani 7, 63900 Fermo, Italy; cecchi.teresa@istitutomontani.edu.it

² Venice Lagoon Plastic Free, Castello 2641, 30122 Venice, Italy

³ Faculty of Materials Science and Engineering, National University of Science and Technology Politehnica Bucharest, 060042 Bucharest, Romania; andrei.berbecaru@upb.ro

⁴ National Institute of R&D for Optoelectronics INOE 2000, Atomistilor 409, 077125 Magurele, Romania; elfrida.carstea@inoe.ro

* Correspondence: d.poletto@plasticfreevenice.org (D.P.); maria.rapa@upb.ro (M.R.)





(a)





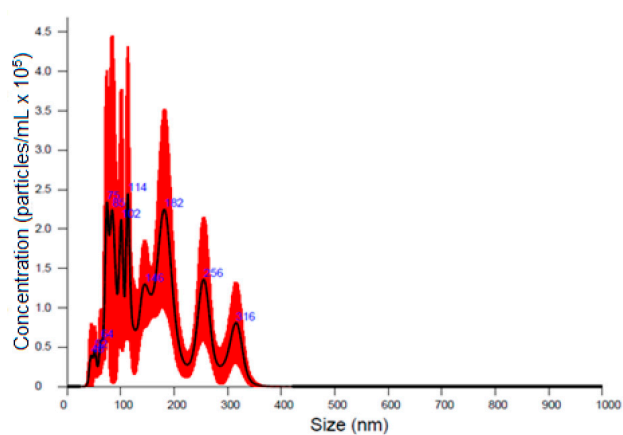
(b)



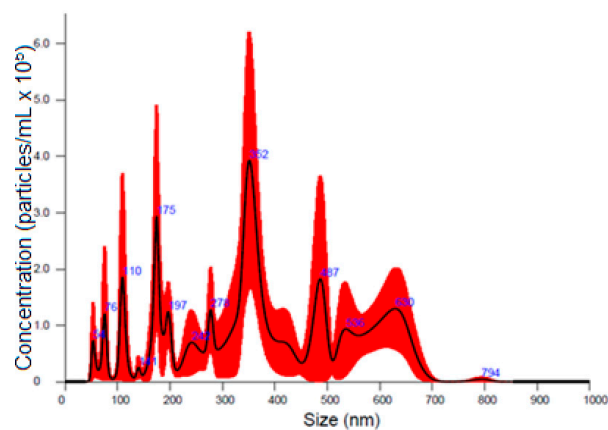


(c)

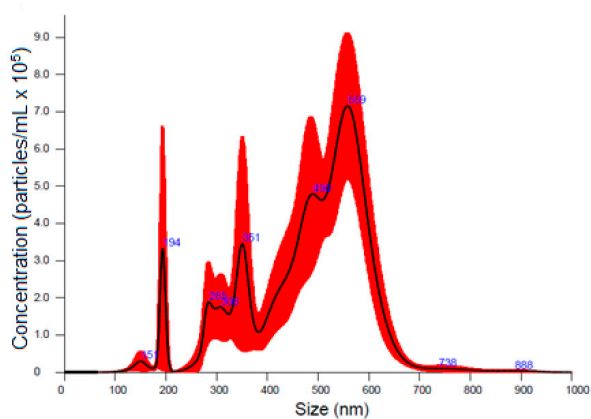
Figure S1: Some micrographs of MPs detected in seawater samples from Venice Lagoon: (a) Venice-Lido port inlet, (b) Grand Canal at the Rialto Bridge, and (c) Saint Marc basin.



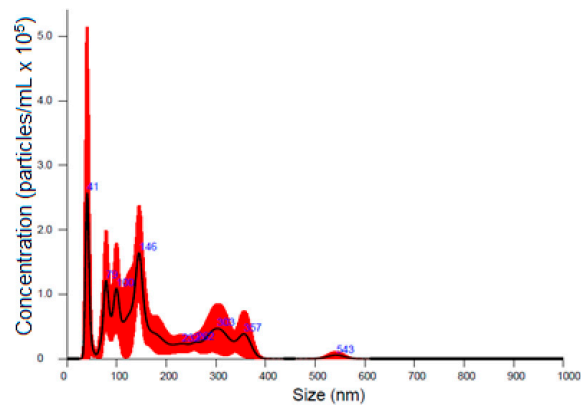
(a)



(b)



(c)



(d)

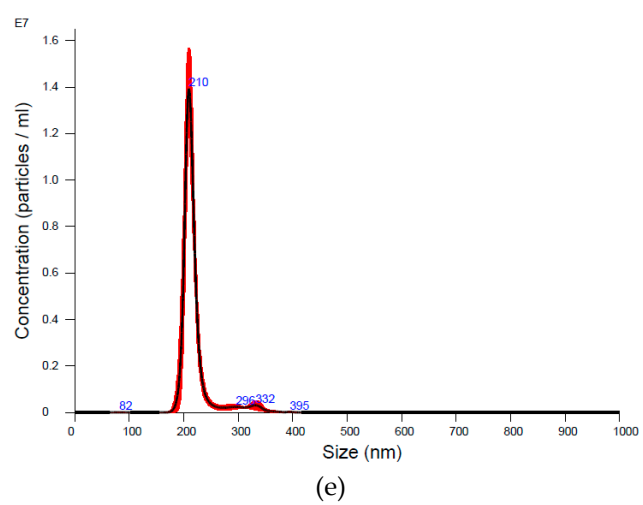


Figure S2: Averaged finite track length adjustment (FTLA) concentration/size for: (a) Venice- Lido port inlet, (b) Grand Canal at the Rialto Bridge, (c) Saint Marc basin, (d) Ultrapure water, and (e) Positive control.