

SEM Council Members

Name:

Jordi Urmeneta

Council role:

Webmaster of the SEM

Employer or Institute:

University of Barcelona (UB), Spain

Title:

Associate Professor.

Main areas of study/work:

Microbial Ecology. Biodegradable Polymers. Water Microbiology. Bioremediation.



Three main or most recent publications:

Torrentó C, Urmeneta J, Otero N, Soler A, Viñas M, Cama J. 2011. Enhanced denitrification in groundwater and sediments from a nitrate-contaminated aquifer after addition of pyrite. *Chemical Geology* 287:90-101. doi.org/10.1016/j.chemgeo.2011.06.002.

Benaiges-Fernandez R, Urmeneta J. 2018. Use of specific PCR primers for the study of sulfate-reducing bacteria diversity in microbial mats of Ebro Delta, Spain. *International Microbiology* 21:231-235. doi.org/10.1007/s10123-018-0020-3.

Benaiges-Fernandez R, Palau J, Offeddu FG, Cama J, Urmeneta J, Soler JM, Dold B. 2019. Dissimilatory bioreduction of iron(III) oxides by *Shewanella loihica* under marine sediment conditions. *Marine Environmental Research* 151:104782. doi.org/10.1016/j.marenvres.2019.104782.

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Keywords:

Microbial mats. Phototrophic prokaryotes. Poly- β -hydroxyalkanoates. Microbial ecogenetics. Bioremediation. Iron oxides bioreduction in marine sediments.