

SEM Council Members

Name:

Asunción de los Ríos

Council role:

President-elected

Employer or Institute:

Museo Nacional de Ciencias Naturales-CSIC

Title:

Scientific Researcher

Main areas of study/work:

Microbial Ecology. Geomicrobiology. Biodiversity in Extreme Environments.



Other information of interests:

Member of the Spanish Network of Extremophile Microorganisms.

Head of the Group of Biogeochemistry and Geomicrobiology of MNCN-CSIC.

Three main or most recent publications:

Garrido-Benavent I, Pérez-Ortega S, Durán J, Ascaso C, Pointing SB, Rodríguez-Cielos R, Navarro F, de los Ríos A. 2020. Differential colonization and succession of microbial communities in rock and soil substrates on a maritime Antarctic glacier forefield. *Frontiers in Microbiology* 11:126. <https://doi.org/10.3389/fmicb.2020.00126>

De los Ríos A, Garrido-Benavent I, Limón A, Cason ED, Maggs-Köling G, Cowan D, Valverde A. 2022. Novel lichen-dominated hypolithic communities in the Namib Desert. *Microbial Ecology* 83:1036-1048. <https://doi.org/10.1007/s00248-021-01812-w>

Villar-dePablo M, Ascaso C, Rodríguez-Pérez E, Urizal M, Wierzchos J, Pérez-Ortega S, de los Ríos A. 2023. Innovative approaches to accurately assess the effectiveness of biocide-based treatments to fight biodeterioration of Cultural Heritage monuments. *Science of the Total Environment* 897:165318. <https://doi.org/10.1016/j.scitotenv.2023.165318>

Contact details:

Telephone: +34-914111328

E-mail: arios@mncn.csic.es

Keywords:

Biodeterioration. Bioweathering. Biodiversity. Lithobionts. Symbiosis.