Approaches to rapidly collecting global biodiversity data are increasingly important, but biodiversity blind spots persist. We organized a three-day Datathon event to improve the openness of local biodiversity sequence data and facilitate data reuse by local researchers. The first Datathon, organized among microbial ecologists in Uruguay and Argentina assembled the largest microbiome dataset in the region to date and formed collaborative consortia for microbiome data synthesis.



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Symposium with six talks focused on: data reuse in other fields of ecology, the history of synthetic research in ecology, and the concept of 'Open Data' in biodiversity research.

Collective data deposition to The for Biotechnology National Center Information (NCBI) with а format using step-by-step quides adapted to first-time users and custom metadata tables.



Mediation for proposing new projects with the shared data and to form a collaboration between the participants.



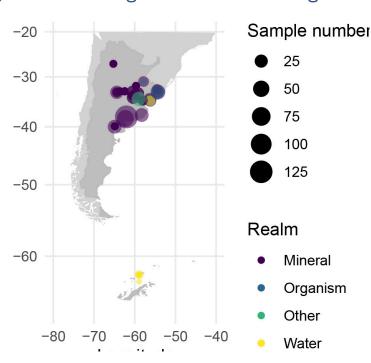
Over 3 days, datathons inspire participants to archive and reuse sequence data through capacity and network building.

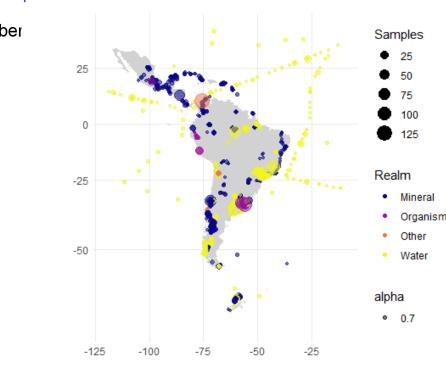


Events target a different region each year, aiming to form regional networks of microbial ecologists



The 2022 and 2023 Datathon events resulted in the consolidation of > 900 (left) and >4,500 (right) 16S rRNA gene metabarcoding data points from across Latin America





fostering equitability in data reuse in ecology







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