

GSC18 Island Sampling Day (ISD): Cretan soil metagenomic sampling

Dear All,

As part of the coming GSC workshop and adhering to its "GSC18: Putting standards into action" theme an Island Sampling Day (ISD) is being organized for Day 4 (15th June 2016).

If you would like to participate and have not indicated this in your registration, please email Lynn Schriml (lynn.schriml@gmail.com) and Vangelis Pafilis (vagpafilis@gmail.com).

Cars Needed: [IMPORTANT]

As this is a 'citizen science' activity, we are renting cars to do the sampling.

If you are renting a car for GSC18 and/or are willing to rent a car (cost reimbursable from the GSC), **Please let us know.**

Island Sampling Day (ISD)

http://wiki.gensc.org/index.php?title=GSC_island_sampling_day

Logistics:

We plan to have **10 sampling teams**.

Start time: early morning, June 15th.

We plan to begin sampling early in the morning of June 15th, to maximize our sampling time, as some of the sites are several hours from Heraklion.

The Island Sampling Day will be presented on Session 9 of the workshop (Day 3, 14.June.2016, 15:00-16:00)

Return to HCMR:

Samples will be dropped off at the HCMR by 6:00 pm.

Sampling kits, a metadata log sheet, light snacks, and beverages will be provided.

Each team will be provided with a cooler and dry ice to store the samples during the day.

Sampling Teams

Participants will form 3-4 person teams to collect soil samples at predefined locations across the island of Crete.

Each sampling team should have sufficient time to collect samples throughout the day and to explore a bit of Crete. Pack your swimsuit and towel, for an afternoon swim.

Bring sunscreen, a hat and water.

Metadata:

A range of environmental and temporal variables (MIXS metadata standard) will be recorded habitat, pH, temperature, elevation, adjacent to urban, forested, and agricultural land and in both the berm and backshore.

Sampling Routes & Sites

The sampling routes will involve different types of environments, elevations, types of vegetation and soil types.

In total, we will visit 110 sites across Crete, taking 4 soil samples at each site.

Sampling Sites: check out the sampling sites:

<https://www.google.com/maps/d/u/0/edit?mid=1ZZ3mzc7yr0X2Sn3o5FYCUHuApyY>

We will finalize the sites and routes depending on participation and car availability.

Slides of Crete flora:

https://docs.google.com/presentation/d/1QOm66CFIkg_KRY0eIIUCwSOjHwM9sgcyHJ57Jx6Er24/edit#slide=id.p

*** HIKING ***

Some hiking routes for soil sample collection are being explored. If you are a hiker and you would to join such a team please notify us further.

*** Sampling Tutorials ***

In the summary agenda circulated earlier this year, sampling tutorials were presented as an alternative activity for those not participating in the ISD. Due to the high participation in the ISD (so far) the sampling tutorials scheduled for the same day have been cancelled. However if you are not taking part and still interested in sampling tutorials please contact us further (pafilis@hcmr.gr, melina.stavroulaki@hcmr.gr)

Best,

Dr. Evangelos Pafilis, Dr. Melina Starvroulaki, Dr. Lynn Schriml,
(on behalf of the GSC18 organizing committee)