



NTHRYS WORKSHOPS

Microbial Ecology In Space

8:45 AM - 10:15 AM: Session 1: Microbial Communities in Closed Life Support Systems

Hands-on training on managing microbial communities in closed life support systems. Protocols for monitoring and controlling microbial populations in confined habitats.

10:15 AM - 10:30 AM: Coffee / Tea / Snacks Break

Networking and refreshments.

10:30 AM - 12:00 PM: Session 2: Microbial Interactions in Space Habitats

Practical session on studying microbial interactions in space habitats. Protocols for assessing symbiosis, competition, and antagonism among microbial species in space.

12:00 PM - 1:00 PM: Lunch Break

Catered lunch and networking opportunity.

1:00 PM - 2:30 PM: Session 3: Biogeochemical Cycles in Space Ecosystems

Discussion on biogeochemical cycles in space environments.

Protocols for monitoring nutrient cycling, gas exchange, and microbial metabolism in space ecosystems.

2:30 PM - 2:45 PM: Short Break

Time for a stretch and informal discussions.

2:45 PM - 4:15 PM: Session 4: Microbial Contamination Control in Space Missions

Practical session on controlling microbial contamination in space missions. Protocols for decontaminating spacecraft, habitats, and equipment using biocidal agents and physical methods.

4:15 PM - 4:30 PM: Coffee / Tea / Snacks Break

Last networking opportunity with snacks.

4:30 PM - 5:30 PM: Closing Session: Implementing Changes and Technology Adoption

Group discussions on implementing new techniques learned today. Dialogue on overcoming challenges in adopting new technologies in similar sectors. Feedback session and closing remarks.

Certificate Issue

5:30 PM: Workshop Concludes