



NTHRYS WORKSHOPS

Advanced Techniques In Geo Biotechnology

8:45 AM - 10:15 AM: Session 1: Advanced Analytical Techniques in Geo Biotechnology

Introduction to advanced analytical techniques for geo biotechnology.
Hands-on session on using molecular methods to study geo processes.
Practical demonstration of high-throughput techniques in geo biotechnology.

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

Networking and refreshments.

10:30 AM - 12:00 PM: Session 2: Geo Biotechnology and Environmental Monitoring

Exploring the role of geo biotechnology in environmental monitoring.
Workshop on using biosensors and bioindicators for monitoring environmental health.
Case studies on the applications of geo biotechnology in environmental science.

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

Catered lunch and networking opportunity.

1:00 PM - 2:30 PM: Session 3: Metagenomics in Geo Biotechnology

Hands-on session on using metagenomics to study microbial communities in soil and rock.
Exploring techniques for analyzing metagenomic data.
Practical applications of metagenomics in geo biotechnology.

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

Time for a stretch and informal discussions.

2:45 PM - 4:15 PM: Session 4: Computational Geo Biotechnology

Workshop on computational tools for geo biotechnology research.
Practical techniques for modeling geo biochemical processes.
Case studies on the use of bioinformatics in geo biotechnology.

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