



Limnology Workshops

Limnology Workshops

NTHRYS BIOTECH LABS provides a diverse array of workshops in the realm of Limnology. Explore our comprehensive offerings below

[Limnology Workshops Application Process](#)

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From Lab to Life: Choose Your Limnology Workshop!

1. [Workshop in Introduction to LimnologyPDF](#)
2. [Workshop in Advanced Techniques in LimnologyPDF](#)
3. [Workshop in Limnology in Environmental ResearchPDF](#)
4. [Workshop in Innovations in LimnologyPDF](#)
5. [Workshop in Ethical and Regulatory Perspectives in LimnologyPDF](#)

1. Workshop in Introduction to Limnology

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Date: Pre Selected Date

Fee: Rs 6000/-

Duration: One Day

Mode: Offline and Virtual

Location for Offline: NBL Cherlapalli IDA Branch

Facilitator(s): NTHRYS TEAM

8:00 AM - 8:30 AM: Registration and Welcome Coffee

Participants arrive, register, and network over coffee.

8:30 AM - 8:45 AM: Opening Remarks

Welcome by the host.

Brief overview of today's focus.

8:45 AM - 10:15 AM: Session 1: Basics of Limnology

Overview of limnology principles and applications.

Hands-on session on the study of inland aquatic ecosystems.

Introduction to the importance of limnology in environmental science.

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

Networking and refreshments.

10:30 AM - 12:00 PM: Session 2: Physical and Chemical Limnology

Interactive session on physical and chemical properties of freshwater bodies.

Workshop on measuring and analyzing water quality parameters.

Practical demonstration of limnological field techniques.

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

Catered lunch and networking opportunity.

1:00 PM - 2:30 PM: Session 3: Biological Limnology

Exploring biological components of aquatic ecosystems.

Hands-on training on sampling and identifying aquatic organisms.

Case studies on the application of biological limnology in research.

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

Time for a stretch and informal discussions.

2:45 PM - 4:15 PM: Session 4: Limnological Data Analysis

Workshop on analyzing limnological data.

Practical techniques for data interpretation and visualization.

Case studies on the use of limnological data in environmental management.

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

2. Workshop in Advanced Techniques in Limnology

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Date: Pre Selected Date

Fee: Rs 6000/-

Duration: One Day

Mode: Offline and Virtual

Location for Offline: NBL Cherlapalli IDA Branch

Facilitator(s): NTHRYS TEAM

8:00 AM - 8:30 AM: Registration and Welcome Coffee

Participants arrive, register, and network over coffee.

8:30 AM - 8:45 AM: Opening Remarks

Welcome by the host.
Brief overview of today's focus.

8:45 AM - 10:15 AM: Session 1: Advanced Field Methods in Limnology

Introduction to advanced field methods in limnology.

Hands-on session on using advanced tools and techniques for field studies.
Practical demonstration of high-resolution sampling methods.

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

Networking and refreshments.

10:30 AM - 12:00 PM: Session 2: Remote Sensing and GIS in Limnology

Exploring remote sensing and GIS applications in limnology.
Workshop on using spatial data for studying aquatic ecosystems.
Case studies on the applications of remote sensing in limnological research.

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

Catered lunch and networking opportunity.

1:00 PM - 2:30 PM: Session 3: Modeling and Simulation in Limnology

Hands-on session on modeling and simulation techniques in limnology.
Exploring techniques for predicting ecological dynamics in freshwater bodies.
Practical applications of modeling in limnological research.

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

Time for a stretch and informal discussions.

2:45 PM - 4:15 PM: Session 4: Molecular Techniques in Limnology

Workshop on using molecular techniques in limnological studies.
Practical techniques for studying genetic diversity in aquatic organisms.
Case studies on the role of molecular techniques in limnological research.

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

3. Workshop in Limnology in Environmental Research

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Date: Pre Selected Date

Fee: Rs 6000/-

Duration: One Day

Mode: Offline and Virtual

Location for Offline: NBL Cherlapalli IDA Branch

Facilitator(s): NTHRYS TEAM

8:00 AM - 8:30 AM: Registration and Welcome Coffee

Participants arrive, register, and network over coffee.

8:30 AM - 8:45 AM: Opening Remarks

Welcome by the host.

Brief overview of today's focus.

8:45 AM - 10:15 AM: Session 1: Role of Limnology in Environmental Research

Overview of the importance of limnology in environmental research.

Hands-on session on studying the impact of human activities on freshwater ecosystems.

Case studies on the impact of limnology in environmental science.

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

Networking and refreshments.

10:30 AM - 12:00 PM: Session 2: Limnology in Climate Change Studies

Exploring the role of limnology in climate change research.

Workshop on studying the effects of climate change on aquatic ecosystems.
Case studies on the applications of limnology in climate change studies.

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

Catered lunch and networking opportunity.

1:00 PM - 2:30 PM: Session 3: Limnology in Pollution Control

Hands-on session on the use of limnology in pollution control.
Exploring techniques for monitoring and mitigating pollution in freshwater bodies.
Practical applications of limnology in pollution control.

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

Time for a stretch and informal discussions.

2:45 PM - 4:15 PM: Session 4: Limnology in Conservation Biology

Workshop on the use of limnology in conservation biology.
Practical techniques for conserving freshwater biodiversity.
Case studies on the role of limnology in conservation efforts.

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

4. Workshop in Innovations in Limnology

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Date: Pre Selected Date

Fee: Rs 6000/-

Duration: One Day

Mode: Offline and Virtual

Location for Offline: NBL Cherlapalli IDA Branch

Facilitator(s): NTHRYS TEAM

8:00 AM - 8:30 AM: Registration and Welcome Coffee

Participants arrive, register, and network over coffee.

8:30 AM - 8:45 AM: Opening Remarks

Welcome by the host.

Brief overview of today's focus.

8:45 AM - 10:15 AM: Session 1: Emerging Technologies in Limnology

Introduction to emerging technologies in limnology.

Hands-on session on using advanced tools and techniques in limnological research.

Case studies on innovative applications of new technologies in limnology.

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

Networking and refreshments.

10:30 AM - 12:00 PM: Session 2: AI and Machine Learning in Limnology

Exploring the role of AI and machine learning in limnology.

Workshop on developing predictive models for aquatic ecosystems.

Case studies on the application of AI in limnological research.

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

Catered lunch and networking opportunity.

1:00 PM - 2:30 PM: Session 3: Integrative Omics in Limnology

Hands-on session on integrating multi-omics data in limnology.

Exploring techniques for combining genomics, proteomics, and metabolomics.

Practical applications of integrative omics in limnological research.

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

Time for a stretch and informal discussions.

2:45 PM - 4:15 PM: Session 4: Future Directions in Limnology

Discussion on emerging trends and future directions in limnology.

Workshop on integrating new technologies in limnological research.

Case studies on the potential impact of future innovations in limnology.

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

5. Workshop in Ethical and Regulatory Perspectives in Limnology

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Date: Pre Selected Date

Fee: Rs 6000/-

Duration: One Day

Mode: Offline and Virtual

Location for Offline: NBL Cherlapalli IDA Branch

Facilitator(s): NTHRYS TEAM

8:00 AM - 8:30 AM: Registration and Welcome Coffee

Participants arrive, register, and network over coffee.

8:30 AM - 8:45 AM: Opening Remarks

Welcome by the host.
Brief overview of today's focus.

8:45 AM - 10:15 AM: Session 1: Ethical Considerations in Limnological Research

Overview of ethical issues in limnological research.
Case studies on ethical dilemmas in studying aquatic ecosystems.
Workshop on addressing ethical considerations in limnological research.

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

Networking and refreshments.

10:30 AM - 12:00 PM: Session 2: Regulatory Frameworks for Limnology

Exploring regulatory guidelines and requirements for limnological research.
Case studies on navigating regulatory challenges.
Workshop on understanding international regulatory frameworks.

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

Catered lunch and networking opportunity.

1:00 PM - 2:30 PM: Session 3: Public Perception and Communication

Workshop on improving public understanding of limnological research.
Techniques for effective science communication.
Case studies on public engagement and education initiatives.

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

Time for a stretch and informal discussions.

2:45 PM - 4:15 PM: Session 4: Policy and Planning for Limnology

Discussion on policy and planning for sustainable limnological research.
Case studies on effective policies and planning strategies.

Workshop on integrating ethical and social considerations in limnological research.

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

Note: NTHRYS Management reserves the right to modify the workshop module at any time without prior notice. Registered or enrolled candidates will receive the module that is current on the day of enrollment.

NTHRYS Workshops Department

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Limnology Workshops Application Process

1. Select a workshop from the list.
2. Contact via whatsapp on the number present above to request fee details and dates suitable for joining. Alternatively, you can send an email to workshops (a t) nthrys [d 0 t] com.
3. Our Workshop department will contact you promptly to provide further assistance.