This course will cover the latest methods for biodiversity assessment and management, with a focus on aquatic ecosystems. The course will be delivered in six webinars, each focusing on different aspects of biodiversity assessment and management.

**Webinar 1: Biodiversity Assessment and Management for the Trishuli River Basin**

- **Tuesday, January 19, 2021**
- **Ms. Fareeha Irfan Ovais**, Fisheries Conservation Foundation, USA
- **Dr. Rajeev Raghavan**, Freshwater Ecologist, Southern Waters, South Africa

This webinar will introduce the participants to the Trishuli Assessment Tool, which was recently developed by a group of international experts. The webinar will cover the methodology used in the tool, which is designed to assess the status of biodiversity and changes over time. The participants will learn how to effectively design a field study to produce the most appropriate data, and the selection of appropriate sampling methods will be discussed.

**Webinar 2: Understanding and Assessing the Status of Biodiversity in the Trishuli River Basin**

- **Tuesday, February 1, 2021**
- **Dr. Leeanne Alonso**, Central Department of Environmental Science, Tribhuvan University, Nepal
- **Mr. Adarsh Man Sherchan**, Nature Metrics, United Kingdom

This webinar will focus on discussing the most recent and up to date references for identification of aquatic biodiversity in the Trishuli River Basin. The participants will learn about the key characteristics used in fish identification, and the webinar will cover how to effectively design a field study to produce the most appropriate data, and the selection of appropriate sampling methods will be discussed.

**Webinar 3: Tracking Fish Migration and Biodiversity Assessment in the Trishuli River Basin**

- **Tuesday, February 2, 2021**
- **Dr. Leeanne Alonso**, Central Department of Environmental Science, Tribhuvan University, Nepal
- **Mr. Adarsh Man Sherchan**, Nature Metrics, United Kingdom

This webinar will focus on tracking fish migration and biodiversity assessment in the Trishuli River Basin. The participants will learn about the use of radio transmitters to monitor fish movement, and the participants will also learn about the use of eDNA sampling to detect species that are difficult to detect with other field methods.

**Webinar 4: Good International Industry Practice for Reducing Impacts of Hydropower on Aquatic Biodiversity**

- **Thursday, February 4, 2021**
- **Mr. Adarsh Man Sherchan**, Nature Metrics, United Kingdom
- **Dr. Leeanne Alonso**, Central Department of Environmental Science, Tribhuvan University, Nepal
- **Ms. Fareeha Irfan Ovais**, Fisheries Conservation Foundation, USA

This webinar will focus on Good International Industry Practice (GIIP) for reducing impacts of hydropower on aquatic biodiversity. The participants will learn about the use of electrofishing as a field method for documenting fish species in shallow, slow moving rivers, and the participants will also learn about the use of eDNA sampling to detect species that are difficult to detect with other field methods.

**Webinar 5: Biodiversity and the Himalayan Golden Mahseer**

- **Thursday, February 11, 2021**
- **Mr. Adarsh Man Sherchan**, Nature Metrics, United Kingdom
- **Dr. Leeanne Alonso**, Central Department of Environmental Science, Tribhuvan University, Nepal
- **Ms. Fareeha Irfan Ovais**, Fisheries Conservation Foundation, USA

This webinar will focus on the Himalayan Golden Mahseer, a important fish species in the Trishuli River Basin. The participants will learn about the use of radio transmitters to monitor fish movement, and the participants will also learn about the use of eDNA sampling to detect species that are difficult to detect with other field methods.

**Webinar 6: The Nepali Perspective on Fish Taxonomy**

- **Thursday, April 20, 2021**
- **Dr. Rajeev Raghavan**, Freshwater Ecologist, Southern Waters, South Africa
- **Ms. Fareeha Irfan Ovais**, Fisheries Conservation Foundation, USA
- **Sediment Specialist and Consultant**

This webinar will focus on the Nepali perspective on fish taxonomy. The participants will learn about the use of eDNA sampling to detect species that are difficult to detect with other field methods.

**Register for the Entire Workshop**

Participants who participate in all 6 webinars will be encouraged to register for the entire workshop. This will provide a comprehensive understanding of potential cumulative impacts in the Trishuli River Basin. The webinar will feature a panel of experts on fish ladder design and on the Golden Mahseer, Schizothorax, and downstream fish migration. The webinar will also cover how to effectively design a field study to produce the most appropriate data, and the selection of appropriate sampling methods will be discussed.

**Note:**

Please click here to register for the webinar. Those who participate in all 6 webinars will be encouraged to register for the entire workshop.