Universidad Nacional de Río Negro

TRAINING

Environmental Impact of Plastics

KEY WORDS

PLASTICS,

IMPACT,

CIRCULARITY

MAIN CONTENTS

Assessment of the fate and effects of plastics in aquatic ecosystems as an indicator of leakage in the circular economy. The interaction of microplastics with environmental matrices and their ecotoxicological impact on biota (macroinvertebrates and fish) are addressed. Environmental risk analysis is conducted to inform mitigation strategies and the redesign of sustainable production processes.

COURSE DYNAMICS

The course is delivered entirely online, combining theory and practice, allowing participants to progress at their own pace through modules that cover everything from the classification and physicochemical properties of polymers to their transformation and recycling processes. The course incorporates explanatory video lectures, technical readings, and real-world case studies on material selection, complemented by online forums for instructor questions and a final comprehensive assessment that certifies understanding of the plastics life cycle.

LANGUAGE

Spanish

EVALUATION METHODOLOGY

Course approval requires the completion of a materials analysis project based on a real plastic object selected by the student.

Topic area

Environment

Format

Virtual
120hs

Level

Introductory / basic

Certificate of Participation and Approval

CONTACT US

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