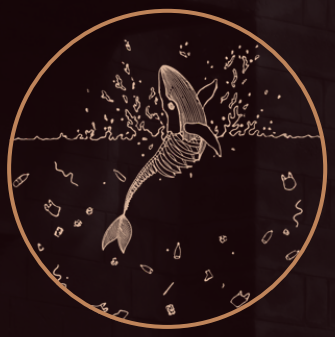


LANGLANDS RESEARCH PRIZE

Langlands Research Prize is an environmental challenge where science meets strategy, creativity, and conservation. Teams step into the role of environmental researchers, tackling real-world ecological problems and making decisions that balance biodiversity, sustainability, and limited resources. From protecting endangered species to designing smarter conservation solutions, this category challenges participants to think beyond the textbook and build ideas that could make a real difference for our planet.

Delegates per team: 3

Round 1 :

In this round, delegates will be assigned a unique selection of endangered species and provided with their biological and environmental requirements. Teams must select appropriate facilities from a catalogue while staying within a fixed budget, before designing their reserve on a provided map.

They will need to consider habitat suitability, animal welfare, accessibility, predator-prey relationships, veterinary access, and efficient use of space. Teams will be judged on the scientific suitability and practicality of their reserve, as well as their ability to justify their decisions.

Round 2 :

Each team will be assigned a mystery endangered species and provided with relevant information. Using this information, delegates must digitally design a three-dimensional habitat that addresses the species' environmental, dietary, behavioural, and shelter requirements. The use of AI tools is permitted. During the round, teams will face an unexpected environmental challenge and must modify their digital habitat accordingly. Teams will be evaluated on scientific accuracy, functionality, adaptability, creativity, and their ability to explain the purpose of their design.

Round 3 :

Teams will compete in a website-based environmental strategy game, managing identical towns recovering from a major environmental disaster. Across timed rounds, delegates must balance ecological restoration, public welfare, and economic stability while responding to environmental crises. Teams will be evaluated on sustainability, resilience, resource efficiency, and overall recovery. Laptops are required.