



# GREEN SKILLS FOR CITIES

## Short-term Programme Self-assessment Questions

The Institute for Advanced Architecture of Catalonia

# CONTENTS

## 1. Self-assessment Questions

3

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**What is parametric design?**

A design approach that focuses on creating artistic and visually appealing designs.

A design style that emphasizes hand-drawn sketches and manual craftsmanship.

A design process that relies on predetermined parameters and algorithms to generate and modify designs.

**Which one of the following digital fabrication methods is not a subtractive manufacturing process?**

CNC Milling

3d Printing

Robotic Fabrication

**What are the ecosystem benefits of multi species co-existence?**

The ecosystem becomes stronger and is not impacted by climate change.

The ecosystem becomes longer lived, but more volatile to shock changes.

The ecosystem becomes more resilient and longer lived.

**I am a landscape architect working on upgrading a local park with local species, new lighting systems and automated irrigation. What strategies can be used to power the lights or sensors?**

Parametric tile system

Fully automated Green Wall

Biophotovoltaics

**I am a designer who wants to produce a small ceramic green wall for my terrace for plants. What parameters do I not need to consider for the plants?**

Water requirements

The overall size of the wall

The size of the pot