

## **The Kadas Green Roofs Ecology Center (Carmel)**

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### Background

Green roofs or living roofs - i.e. roofs that contain growing substrate and vegetation - can mitigate many of the negative environmental impacts that urban environments create.

"Green" services that they can provide include:

thermal insulation for buildings which decreases energy use for heating and cooling; mitigating a heat island effect; mitigating carbon dioxide build-up and climate change; aesthetic qualities of natural beauty and recreational space; filters for gray water and storm-water runoff; mitigation local plots for agriculture and medicinal plants; Increased efficiency of photovoltaic panels by lowering roof temperatures; Critical habitat in otherwise highly limited urban environments to house ecological communities thus aiding in preserving biodiversity

[The Kadas Green Roofs Ecology Center website](#)

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