

# Nature-based Solutions to Climate Change Mitigation and Adaptation in Urban Areas

Perspectives on Indicators, Knowledge Gaps, Barriers, and Opportunities for Action

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Nature-based solutions promoting green and blue urban areas have significant potential to decrease the vulnerability and enhance the resilience of cities in light of climatic change. They can thereby help to mitigate climate change-induced impacts and serve as proactive adaptation options for municipalities. We explore the various contexts in which nature-based solutions are relevant for climate mitigation and adaptation in urban areas, identify indicators for assessing the effectiveness of nature-based solutions and related knowledge gaps.

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#### **Authorship**

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 $\hat{A}$   $\hat{A}$   $\hat{A}$   $\hat{A}$   $\hat{A}$   $\hat{A}$  Indicators for measuring the effectiveness of NbS for climate change mitigation and adaptation and associated cobenefits

Â Â Â Â Â Knowledge gaps relating to the effectiveness of NbS in cities

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## **Keywords**

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climate change; cobenefits; governance; nature-based solutions; urban areas

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