

Based on the land cover percentages provided, it is evident that Bucuresti has a significant urban and built-up area, which contributes to the urban heat island effect. Here are some possible solutions for reducing the temperature in Bucuresti and mitigating the urban heat island effect:

1. Increase Green Spaces: Encourage the creation of more parks, green roofs, and urban forests within the city. These green spaces can help reduce surface temperatures and provide shade, ultimately lowering the overall temperature.
2. Implement Cool Roofs and Pavements: Encourage the use of cool roofing materials and light-colored pavements, which can reflect more sunlight and absorb less heat compared to traditional dark surfaces.
3. Promote Vegetation: Encourage the planting of trees and vegetation in urban areas. Trees provide shade, absorb carbon dioxide, and release oxygen, all of which contribute to cooling the environment.
4. Urban Planning: Incorporate urban planning strategies that prioritize the reduction of heat islands, such as strategic placement of buildings to maximize shade and airflow, as well as the use of permeable surfaces to reduce heat retention.
5. Public Transportation and Walkability: Encourage the use of public transportation and promote walkable neighborhoods to reduce the heat generated by vehicles and improve air quality.

Advice for