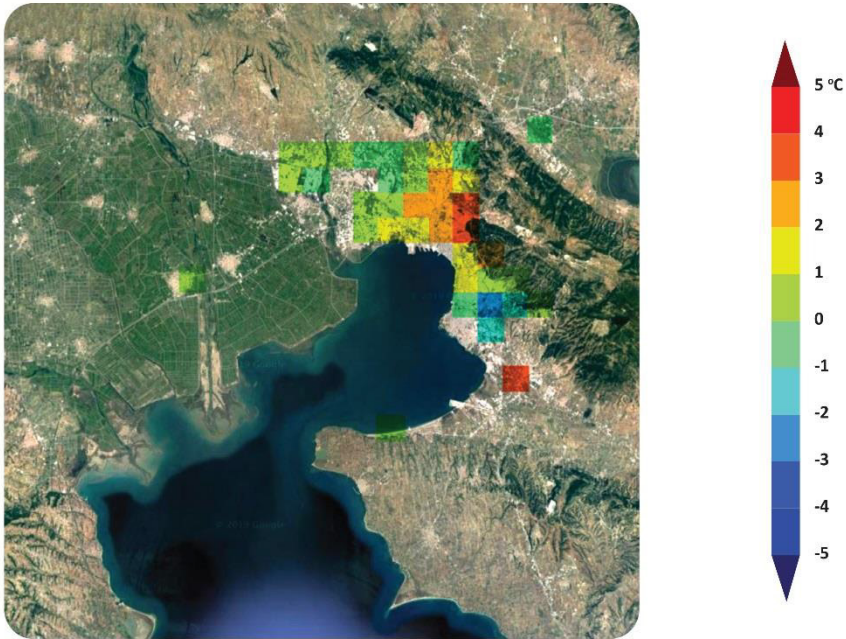


Infographic: Urban fabric effect on surface temperatures



The overlaid colors represent the temperature difference between a specific location and the closest rural area of similar altitude, also referred as Urban Heat Island Intensity. As can be seen, the positive difference is highest in the dense urban areas. The time set for the calculations is 1:00 am GMT / 4:00 am Thessaloniki local time, during mid-summer. The high temperature difference signifies that, due to the Urban Heat Island (UHI) effect, the urban area does not cool down sufficiently during the night, leading to temperature build-up with time.

Source: A.U.TH.

Project partners