

Allergies under control thanks to a method which measures the risk level of green spaces

LOCATION: Granada

DURATION: 1'29"

SUMMARY: Researchers from the University of Granada have designed the first method able to measure the allergenicity levels of urban green spaces. For that, they have used parameters such as the type of species or the distribution of the plants. This way, they can evaluate the risk level for people with allergies who visit them.

VTR:

Researchers from the University of Granada have developed a method which permits to measure the allergenicity levels of a park.

PALOMA CARIÑANOS
Botanics professor

"This method permits measuring the potential allergenicity of urban green spaces".

MANUEL CASARES
Botanics professor

"For the first time we have a tool that measures the allergenic capacity of a space. A new tool which is useful for design and management".

This method will enable designers to create nicer spaces for people with allergies, and managers will count on indicators that will guide them in their improvement.

MANUEL CASARES
Botanics professor

"It is a useful tool for citizens, because it enables park designers to be aware of the allergenic capacity of the spaces they create, citizens will benefit because friendlier spaces will be created, much more compatible with people's health".

Pollen allergies are one of the most frequent health problems caused by plants, and may affect 30% of the inhabitants of a city. This method has been applied in urban green spaces of the city of Granada, however it can be applied anywhere in the world.

Paloma Cariñanos
Botanics professor

"Once we know the species, the number of specimens of each species, the potential allergenicity of each one of the species, how much space they occupy in the park, we can obtain a number".

This value is between 0 and 1. Areas which are closer to 1 are the less friendly for people with allergies.

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