.or communities- is a promising beginning Of the ten countries with the

Urban Biodiversity

Colombian case studies of resilience planning

Juliana Montoya jmontoya@humboldt.org.co Researcher • Biodiversity Landscape Management Program

Alexander von **Humboldt Institute** for Reasearch on Biological Resources

http://humboldt.org.co

Cities represent a contrasting duality of challenges and opportunities for biodiversity conservation. For example, urbanization in Colombia has brought deep changes in different regions of Colombian lands and people. This has led to a change in the approach of biodiversity studies in cities from descriptive analysis on their problems, to be incorporated as a strategic element in the processes of urban planning and environmental management in multiple cities around the world. The willingness to better relate to nature in cities -whether from academic, research centers, local governments

> 10% OF THE highest biodiversity in the world, five are in Latin America: Brazil, WORLD'S SPECIES Colombia, Ecuador, Mexico and Peru, which also share the Andes mountain, which is the most biodiverse area in the world. 1% of the Earth's surface 20% Mariposas 20% Aves

Colombian Cities in the Andes→ Bogotá, Medellín, Cali, Manizales, Pereira, Bucaramanga, Cúcuta, Popayán, Armenia, Ibagué y Pasto

CHALLENGES

Colombia's shift towards urbanization has brought deep changes in the natural ecosystems, biodiversity and ecosystem services characterizing different regions of this country. A phenomenon that has generated the loss of multiple natural land covers or wildlife species, but also a dramatic reduction in the quality of life of people living in these territories. A fact evident in pollution, water scarcity, social and environmental conflicts and poverty that has been growing in all urban areas of Colombia. Yet, innovations .are emerging nationwide

MAP → CONTINENTAL, COASTAL AND MARINE ECOSYSTEMS OF COLOMBIA

- 85 Types of general ecosystems
- -Land and island: • 26 natural and 8 processed
- 15 natural and 1 processed
- Coastal and island: 8 natural and 1 processed
- Marine:

Planning for

Pollinators

26 natural

Latin America:

27% of mammals

34% of its vegetation

37% of their reptiles

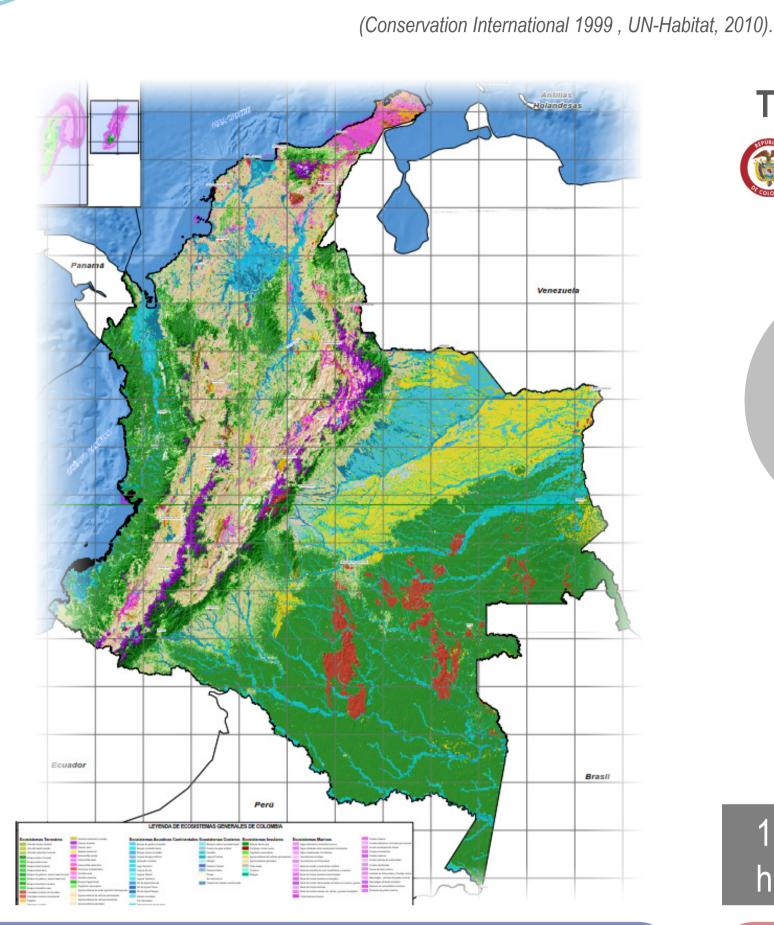
47% of their amphibians

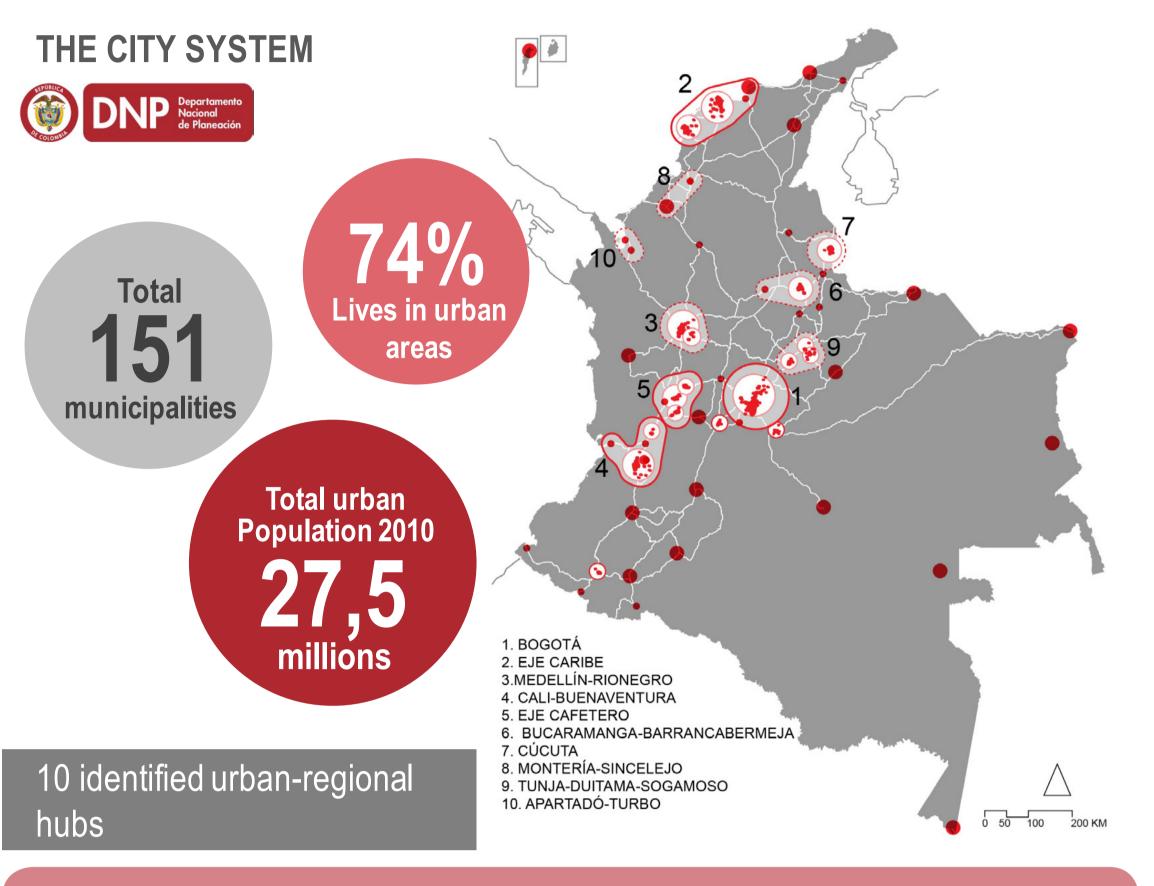
47% of their birds

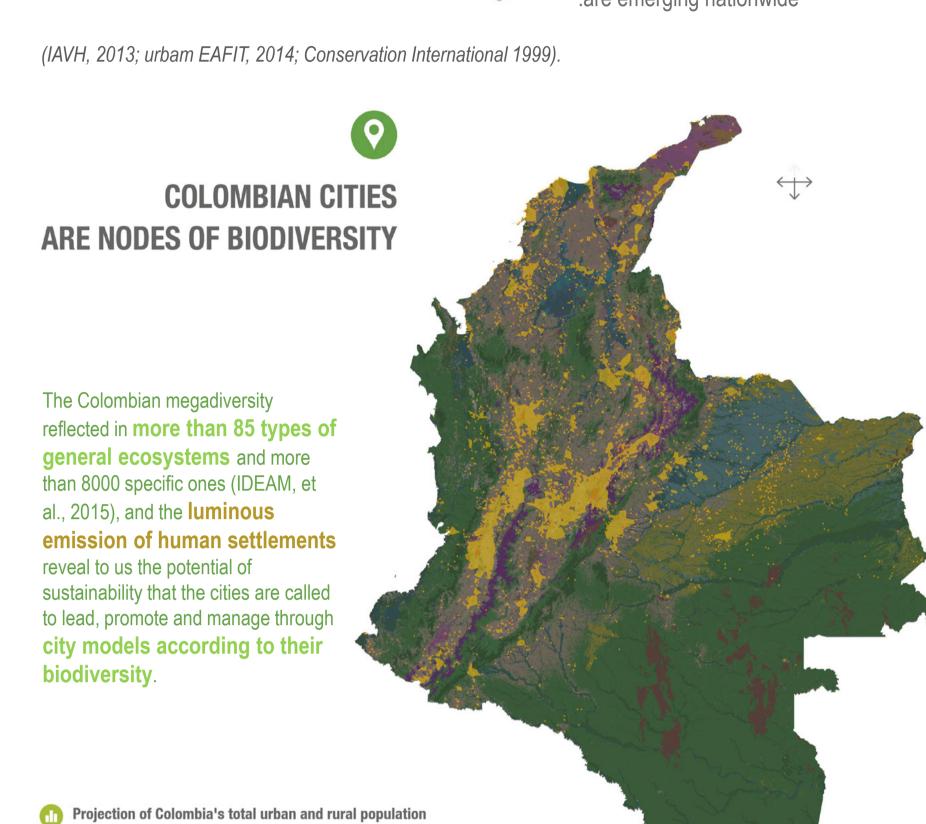
of the world

And more than 8,000 specific ecosystems ...









Colombia megadiverse? urban? rural?

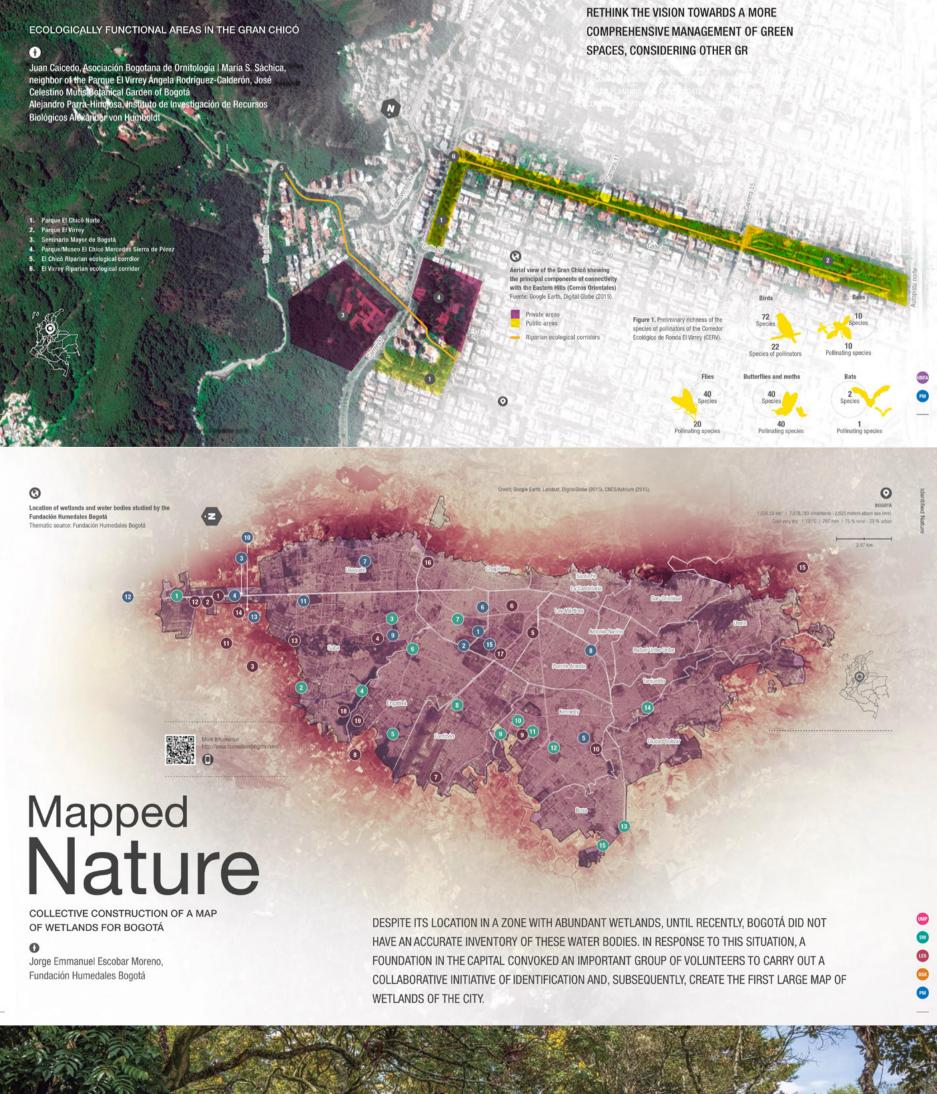
Generational ecological amnesia

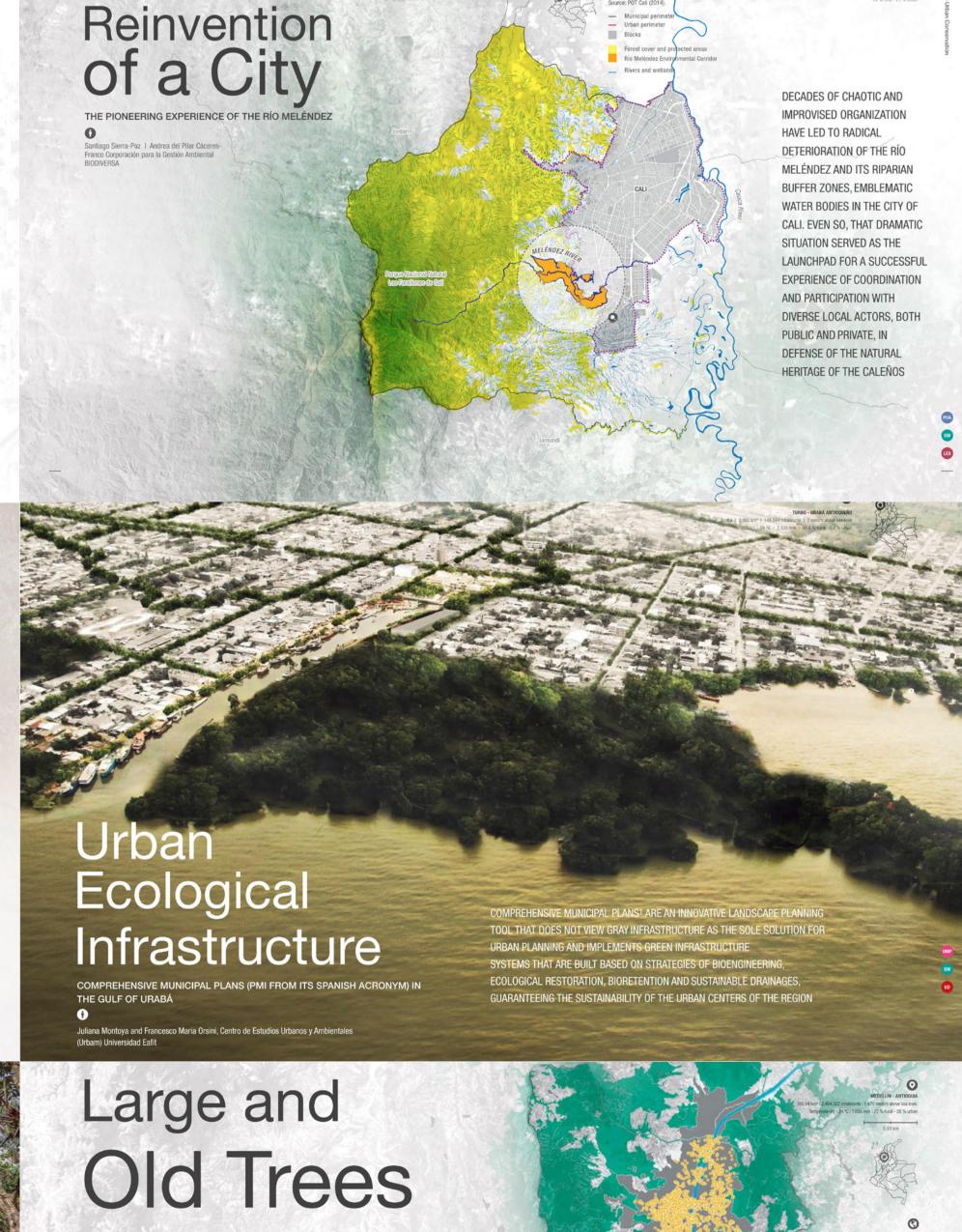
Colombian biodiverse cities

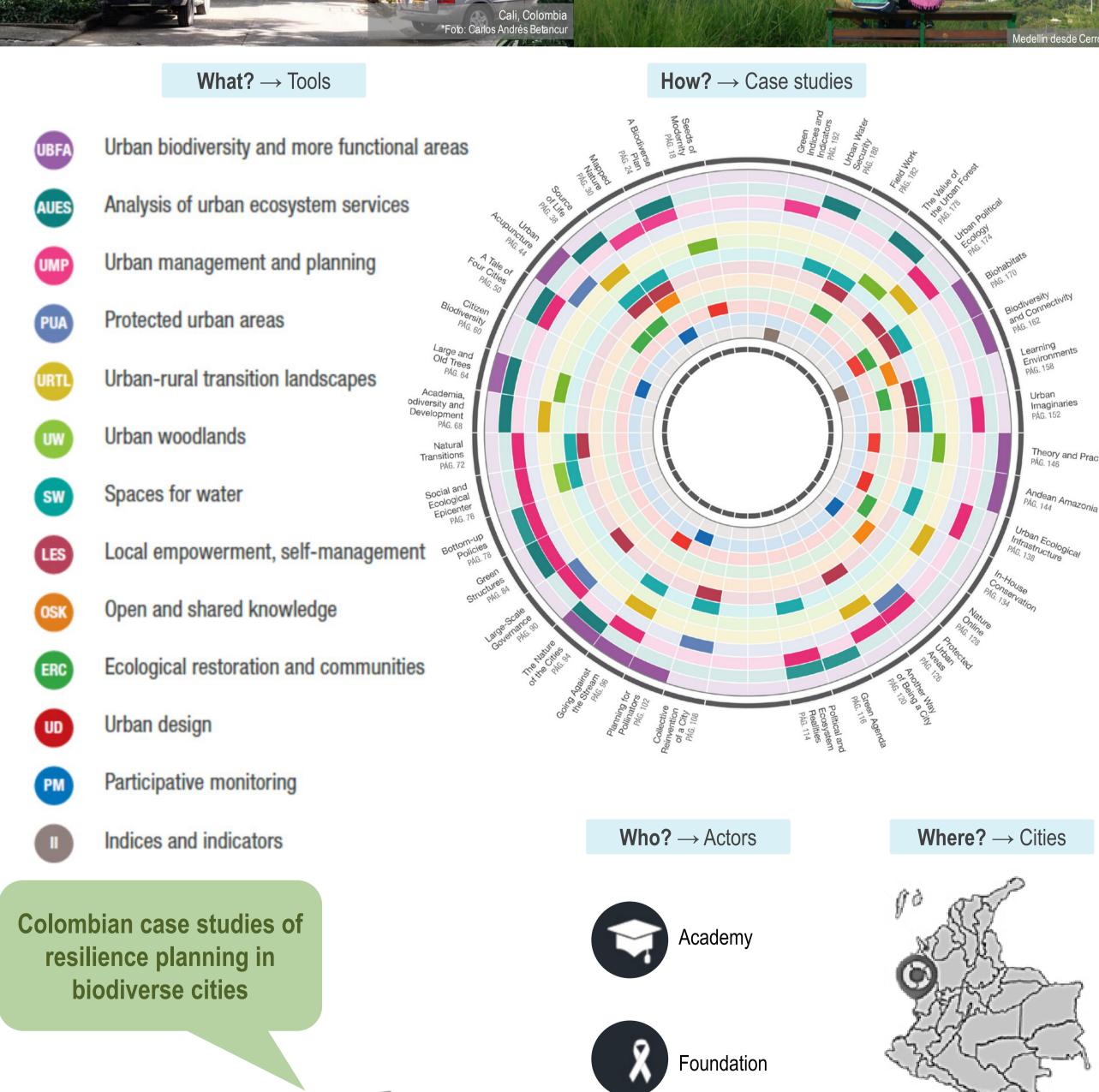


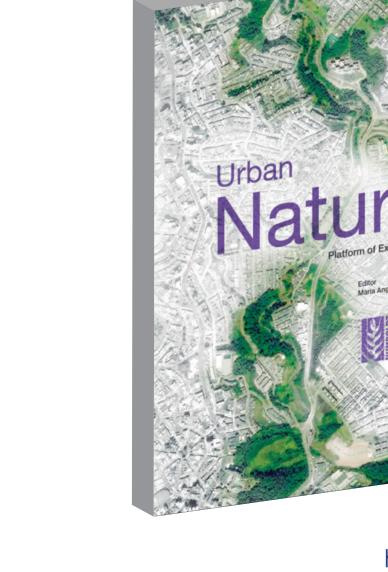
In 2016, the National Research Institute of Biodiversity of Colombia 'Alexander von Humboldt' promoted an action-oriented research – a book project. Naturaleza Urbana: Plataforma de Experiencias aims to develop a toolkit to manage biodiversity and ecosystem services in urban areas in Colombia. This book highlights the importance of promoting new discussions on what communities, stakeholders, researches understand by biodiversity management in urban environments; for instance, how to jointly approach biodiversity as an opportunity to encourage social justice, climate change adaptation, urban planning and urban design in cities? Taking this into account, the Humboldt Institute will present some of the insights and .conclusions of Naturaleza Urbana, expecting contributions, proposals and questions to help us rethink the role of nature in this new urban age

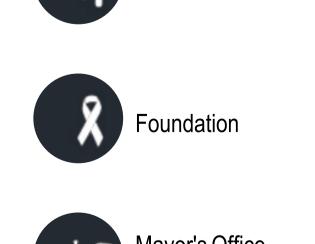
Collective

















Valle de Aburrá Villavicencio Colombia **Estados Unidos** New York

Caquetá

Bogotá

Manizales

Medellín

Popayán

Quibdó

Rioacha

Rio de Janeiro

Conservation HISTORICALLY, THE EASTERN HILLS (CERROS ORIENTALES) OF BOGOTÁ HAVE BEEN THE SITE OF NUMEROUS PROCESSES OF TRANSFORMATION IN TERMS OF BIODIVERSITY ORDER TO SHARE KNOWLEDGE, SHED LIGHT ON THE ECOSYSTEM SERVICES OFFERED BY THE HILLS, FACILITATE A VENUE FOR PEOPLE TO ENCOUNTER BIODIVERSITY AND. ABOVE ALL, TRANSMIT ITS MISSION AND REASON FOR BEING TO THE COUNTRY WITH GREATER FORCEFULNESS.

In-House

DEPTH, IN ORDER TO UNDERSTAND THEIR IMPACT ON A CITY LIKE MEDELLÍN

A LOOK AT THE OLDEST INHABITANTS OF MEDELLÍN

Camaño | Esteban Álvarez-Dávila Jardín Botánico de

Medellín Joaquín Antonio Uribe

THE TREES IN CITIES ARE SYSTEMS THAT MAINTAIN KEY ECOSYSTEM SERVICES FOR SOCIETY. A INITIATIVE CONSISTED OF GATHERING INFORMATION ABOUT THOSE TREES AND ANALYZING IT IN

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