

Civic Media, Crowdsourcing, and the Public Good

Daniel Gatica-Perez





Engage



clean verify try change sign imagine invent invest
decide bend turn gain equip defend return fight
protect divide hide act install break pass order fix
mark compute measure master look weigh paint
connect find adjust dry appreciate add weave
wash evaluate count smile support subtract
multiply buy acquire receive gather frame
observe dream deepen complete classify tag
insist reduce crosscheck explain walk organize
isolate restart intersect search inhabit live

Georges Perec, Espèces d'espaces (Species of Spaces), 1974

Case studies



SenseCityVity:

Urban Perception in Mexico



Civique:

Mobile Data for Local Causes



SenseCityVity:
Urban Perception in Mexico

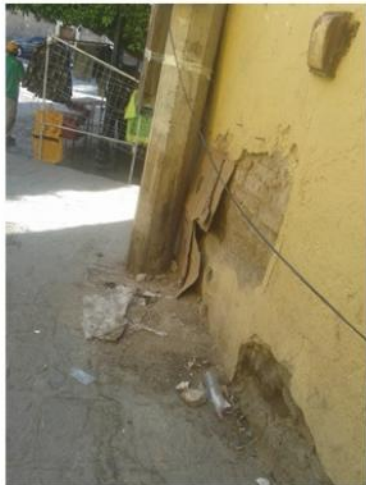
Mexico: a country of cities and young people

A map of Mexico showing its state boundaries. The land is light gray, and the surrounding oceans and seas are blue. The map includes the Gulf of Mexico to the east and the Pacific Ocean to the west. A semi-transparent gray box is overlaid on the central part of the map, containing demographic statistics.

123 million inhabitants
34% are under 18 years old
~40 cities with 400,000+ people
~100 cities with 100,000+ people

o l f o d e
M é x i c o

O c é a n o
P a c í f i c o



A black and white photograph of a young woman with long, dark, wavy hair, seen from the side. She is looking down at a smartphone held in her hands. She is wearing a light-colored top and a backpack. The background is a blurred urban environment with stone walls and a building.

How can local youth be **engaged & supported** to
document & reflect about their urban environment?

Accessible?
Dangerous?
Preserved?
Pretty?

What issues are young people **most sensitive** about?

co-design

collect

analyze

create



1. Co-Design

Defining Urban Perception Experiments with Community

Student recruitment
Group discussions
Decisions



2. Collect

The Urban Data Challenge



3. Analyze

Crowdsourcing and Automating Urban Perception



Accessible
Dangerous
Dirty
Happy
Interesting
Picturesque
Preserved
Pretty
Pleasant
Polluted
Quiet
Wealthy

4. Create: Student Films

SenseCityVity - Urban Data Challenge



Students created short films using SenseCityVity data
They reflect about problems, and discuss solutions



*"I learned to see my city from a **different side**. In the past I saw it as a touristic city that you visit to take pictures. [...] It also has problems and forgotten places; problems can be solved only **if people get involved**."*



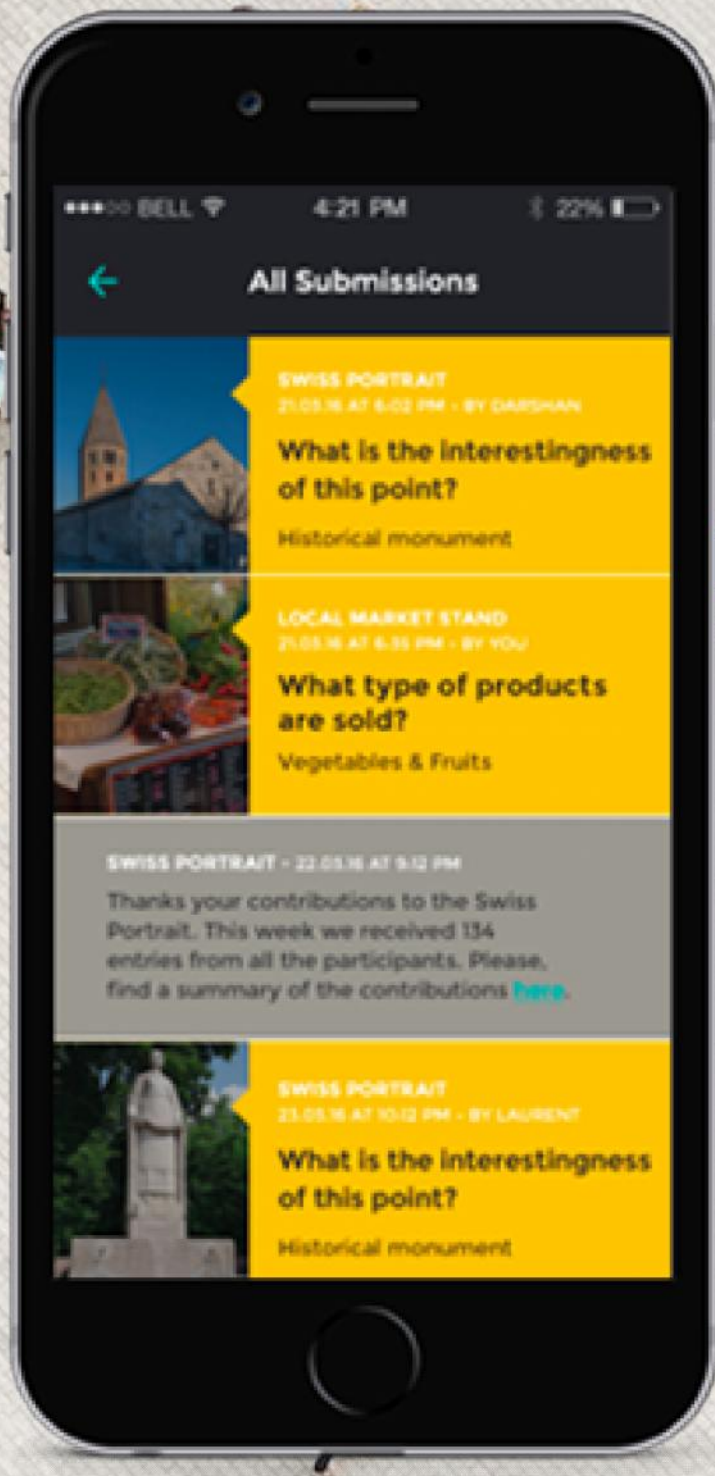
Civique:

Mobile Data for Local Causes

civique.org

<https://www.civique.org>

People participate in **mobile data collection** initiatives to inform **local causes**
Photos, opinions, locations can be gathered



Available on the
App Store



Get it on
Google play

Night Correspondents, City of Lausanne (Correspondants de Nuit)



A new prevention unit for nightlife

The Night Correspondent Unit aims to frame the night in the public space (squares, parks) to defuse any tense situations, prevent antisocial behavior, and preserve quality of life“

<http://www.lausanne.ch/cn>

Vaud Modifié le 19 décembre 2016



Lausanne veut agir contre le phénomène du harcèlement de rue



Lausanne veut agir contre le phénomène du harcèlement de rue Le 12h30 / 1 min. / le 19 décembre 2016

Plus de 70% des femmes âgées entre 16 et 25 ans déclarent avoir été victime de comportements déplacés cette année dans les rues lausannoises. La Municipalité entend agir contre le phénomène.

Les femmes, et plus particulièrement les jeunes, éprouvent un fort sentiment d'insécurité, révèle un

Conclusion



**Urban data science: where are the people?
What values does your system embody?**

Serve local concerns

Small (data) can be beautiful

Co-design & community building

Goals of analytics driven by stakeholders

Mobile/social tech is available

Thanks to our SenseCityVity collaborators

Salvador Ruiz Correa



Daniel Gatica-Perez



Darshan Santani



Beatriz Ramirez



Itzia Ruiz Correa



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Fatima Alba Rendon



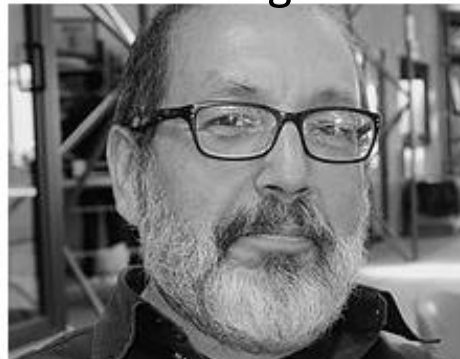
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Juan Luis Salazar



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Question 8 sur 8



**Merci pour votre
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attention**

TERMINER