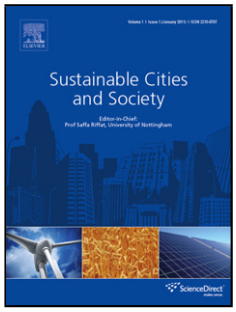
Journal Pre-proof



A typology of smart city assessment tools and indicator sets

Ayyoob Sharifi

PII: S2210-6707(19)31440-4

DOI: https://doi.org/10.1016/j.scs.2019.101936

Reference: SCS 101936

To appear in: *Sustainable Cities and Society*

Received Date: 22 May 2019

Revised Date: 2 November 2019

Accepted Date: 6 November 2019

Please cite this article as: Sharifi A, A typology of smart city assessment tools and indicator sets, *Sustainable Cities and Society* (2019), doi: https://doi.org/10.1016/j.scs.2019.101936

This is a PDF file of an article that has undergone enhancements after acceptance, such as the addition of a cover page and metadata, and formatting for readability, but it is not yet the definitive version of record. This version will undergo additional copyediting, typesetting and review before it is published in its final form, but we are providing this version to give early visibility of the article. Please note that, during the production process, errors may be discovered which could affect the content, and all legal disclaimers that apply to the journal pertain.

© 2019 Published by Elsevier.

Journal Pre-proof

A typology of smart city assessment tools and indicator sets

Title page

Title:
A typology of smart city assessment tools and indicator sets
Author:
Ayyoob SHARIFI
Assistant Professor
Affiliation 1: Hiroshima University, Graduate School for International Development and Cooperation (IDEC)
Affiliation 2: Network for Education and Research on Peace and Sustainability (NERPS)
E-mail: sharifi@hiroshima-u.ac.jp; sharifigeomatic@gmail.com

Full contact details:
Name: Ayyoob SHARIFI
E-mail: sharifi@hiroshima-u.ac.jp; sharifigeomatic@gmail.com
Tel: +81-82-424-6826
Address: 1-3-1 Kagamiyama, Higashi-Hiroshima City Hiroshima, 739-8530 Japan

Highlights

- A typology analysis of 32 smart city assessment schemes is provided.
- Smart city assessment is a nascent, but rapidly growing area of research and practice.
- Selected schemes rely on a diverse range of methods for smart city assessment.
- More attention to toolkits that integrate real-time data into the assessment practice is needed.
- Assessment schemes have been practiced in many cities around the globe.

Abstract

There has been a surge of interest over the past several years in the development and implementation of *tools, frameworks, and indicator sets* (hereafter, 'schemes') for smart city assessment. Despite this, there has been little examination of the typology and structure of assessment schemes. This gap has been partially addressed in a recent study by Sharifi (2019) that examines strengths and weaknesses

Download English Version:

https://daneshyari.com/en/article/13422917

Download Persian Version:

https://daneshyari.com/article/13422917

Daneshyari.com