Overview - Required Components - PDF Steps - Normalization & Conventions - Documents & Downloads

# UNHabitat - Village Vulnerability Infographic Generator

### **Overview of Automation System**

Village list

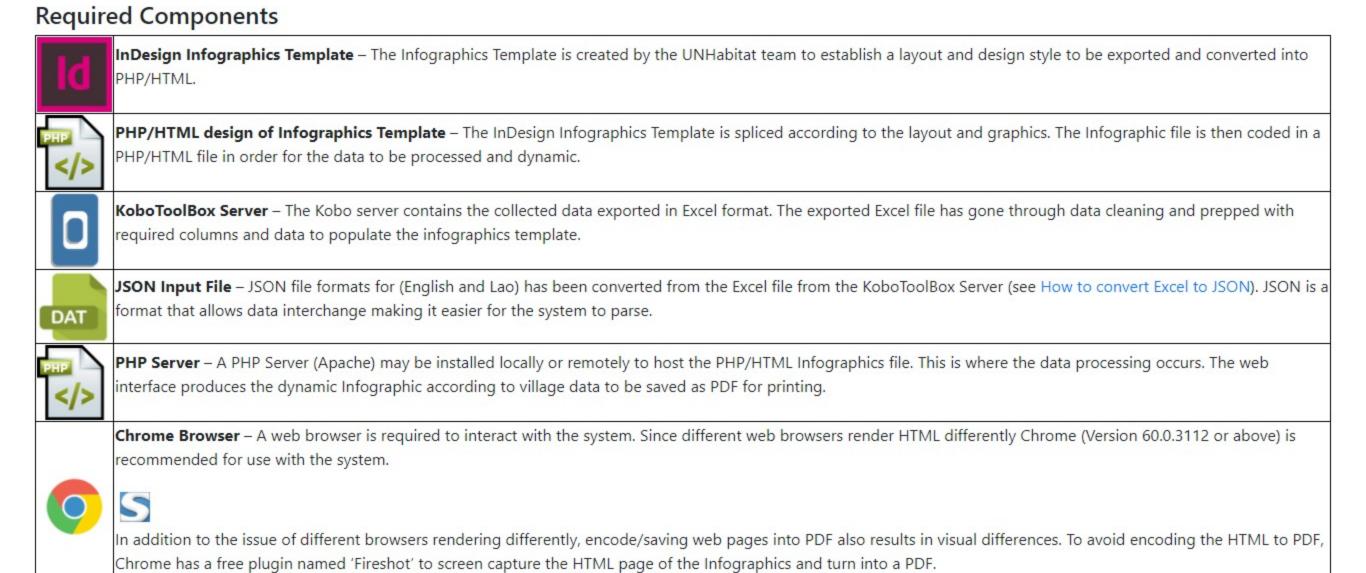
### Background

UNHabitat has undergone data collection for climate change vulnerability assessment located in the provinces of Attapeu, Saravane, and Sekong in Laos. As part of a communications strategy, UNHabitat has developed PDF and hard-copy based infographics for each village (total of 188) populated with the data and statistics collected from data collection. Manually creating or editing each village profile Infographic can be cumbersome and time intensive. To streamline the process for efficiency, UNHabitat has developed this system to automate the Infographic file generation process.

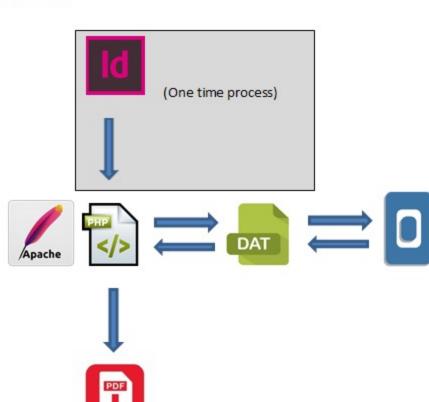
This system allows for generating village profile Infographic in Lao and English language. While the village list on the left consists of all 188 villages the list may be filtered by districts of

each province for easier grouping.

The final village Infographics have been created in PDF however the list allows the creating of the Infographics using the 'Steps in processing data into PDF' section below as documentation and reference to how the system is used for possible future replication or scaling of the system.



### Steps in processing data into PDF Data flow



The model is to have the system list villages by village name and code. The list is a hyperlink to query the JSON data file. Upon clicking a village name/code a new separate web page opens as the Infographics with the data queried by village code.

Once KoboToolBox data has been prepped and converted into JSON the following are the steps required to generate the PDF.

Step 1:

Go to the village list page to select the language of English or Lao (ລາວ) and click on a village.



B. Talunglalao (1402002) Ta oi District, Saravane

A new webpage of the Infographic will be created with the information pertaining to the village in the language selected.



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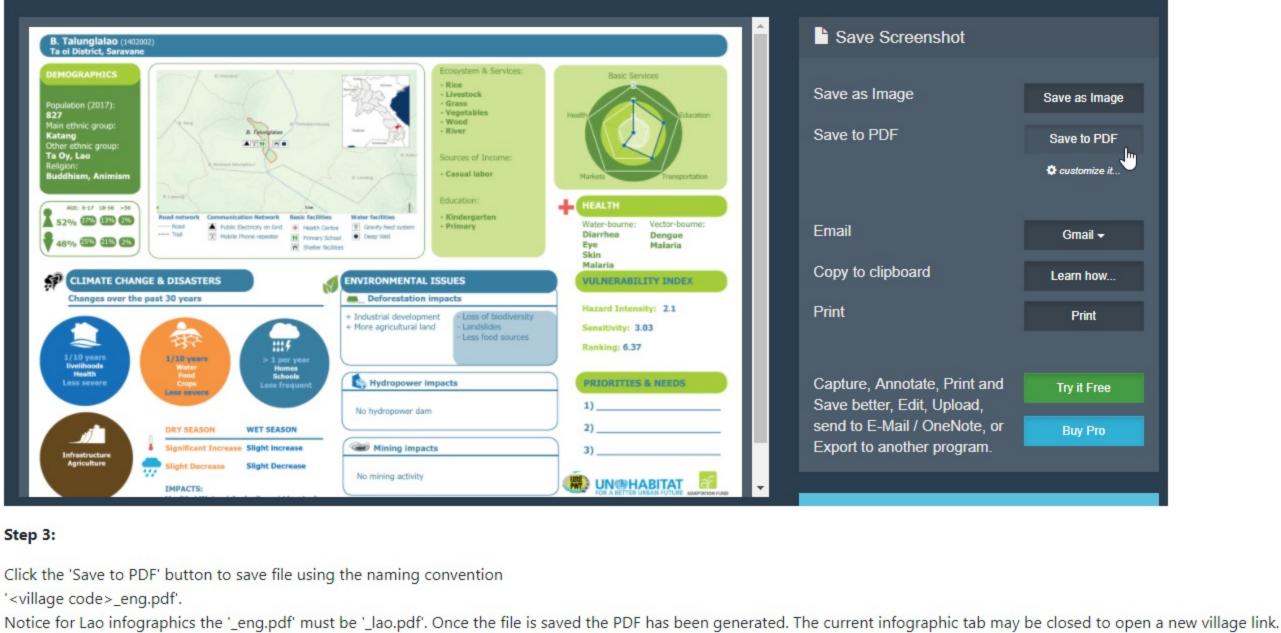
Ctrl+Shift+Y

Step 2: Click the 'Capture entire page' button from the 'Fireshot' plugin as described in the 'Required Components' section above.

Capture entire page Capture visible part Capture selection St Options ... Try advanced features . The plugin will scan the Infographic page to generate a screenshot of the page. After the plugin scans, a 'Save Screenshot' page will open.

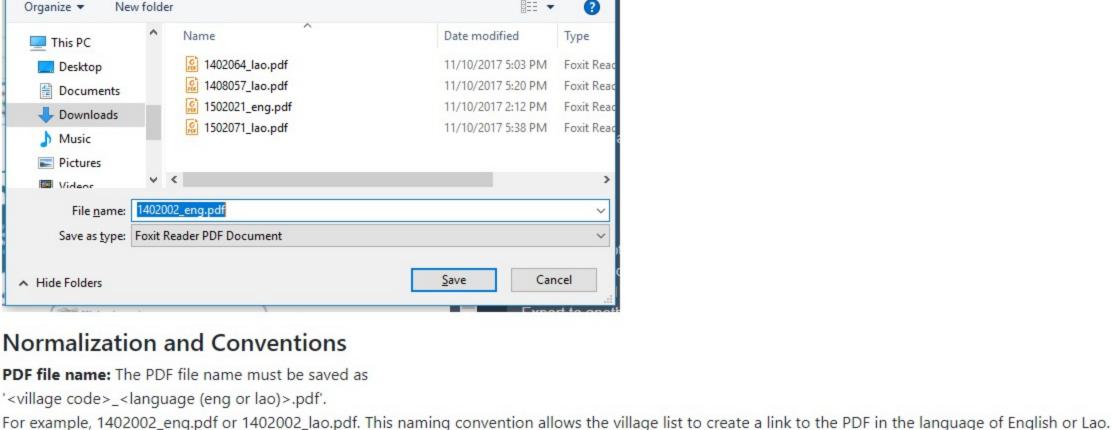
Capture entire page

Save Screenshot



Save As « Downloads » FireShot Search FireShot

0 New folder



# '<village code>\_<language (eng or lao)>.pdf'.

Map file name: all maps must be stored in a central location with the village code and file extension.

For example, This PC > Local Disk (D:) > xampp > htdocs > UNHInfographics > HTML > maps

1402002.png Related Documents



- · How to convert Excel to JSON • Download 187 English version Infographics (opened 'Priorities & Needs' section)
- Download 187 Lao version Infographics (opened 'Priorities & Needs' section)