

MAP OF LIBRARY AND INFORMATION SCIENCE EDUCATION (LISE) SCHOOLS/PROGRAMMES

USER GUIDE



2023

Version 1



IFLA Building Strong LIS Education (BSLISE), a working group of the IFLA Section on Education and Training (SET), Section on Library Theory and Research (LTR), and the LIS Education in Developing Countries SIG

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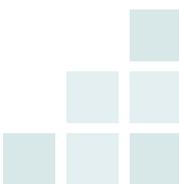
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Please direct all questions about the Map of LISE Schools project or this User Guide to the [Contact form](#) available on the BSLISE website.

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A. Introduction

The [Map of LISE Schools](#) project captures data from library and information science (LIS) education programs worldwide and creates a geographic visualization of LIS programs, along with conveying other pertinent information such as program qualifications, degree type, and socio-economic factors. The map project was created and is maintained by the [Building Strong Library and Information Science Education](#) (BSLISE) working group, an initiative of the IFLA Education and Training Section (SET), LIS Education in Developing Countries Special Interest Group (LISEDG SIG), and Library Theory and Research (LTR) Section.

The map was populated with data submitted by the LIS community through a series of surveys released in 2019 and 2020 and is still open for receiving input. This data was then cleaned and added to a database that was used to build the map. The data was subsequently introduced and mapped into [Visão](#), an open source GIS software package hosted by the Instituto Brasileiro de Informação em Ciência e Tecnologia (IBICT- Brazil). The mapping project's objective is to allow users to focus on a specific geographic area, country, or region and see the available LIS programs within that specific area as well as other pertinent information. Additionally, it can be used to allow employers to quickly find LIS schools and obtain additional information about a candidate's qualifications.

The following sections provide an overview of Visão's functionalities and how to effectively use the LISE Map. Please note, some of the functionalities may differ depending on the device used.

B. General Search Tips and Overview of Map Icons

a. Zoom In/Zoom Out

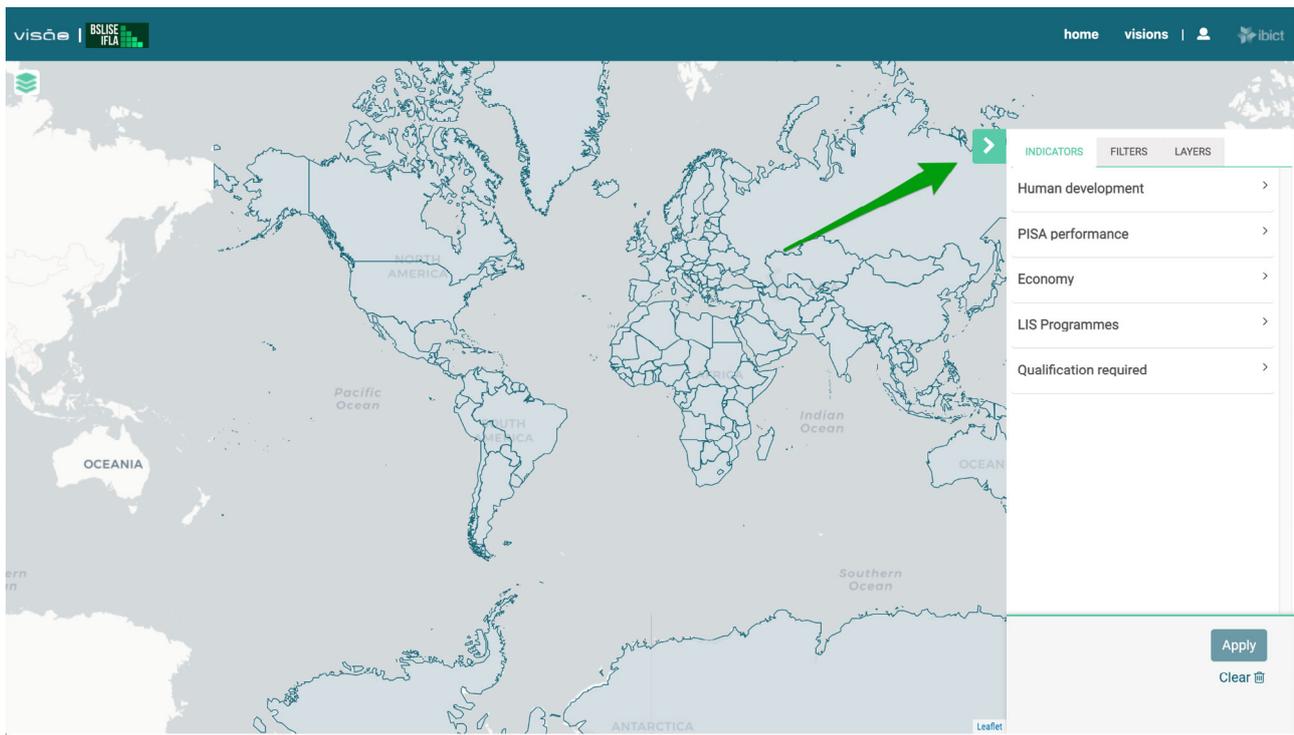
- i. **Computer or notebook:** It is recommended to use the mouse scroll to zoom in/zoom out.
- ii. **Mobile devices:** Drag two fingers to move the screen around. Pinch with 2 fingers to adjust zoom.

b. Move the Map from Side to Side

- i. **Computer or notebook:** Click and hold the screen until the cursor changes ( → ) and move the hand icon side to side.

c. Open and Close the Indicators, Filters, and Layers Menu

i. Closing menu with an arrow on the right side

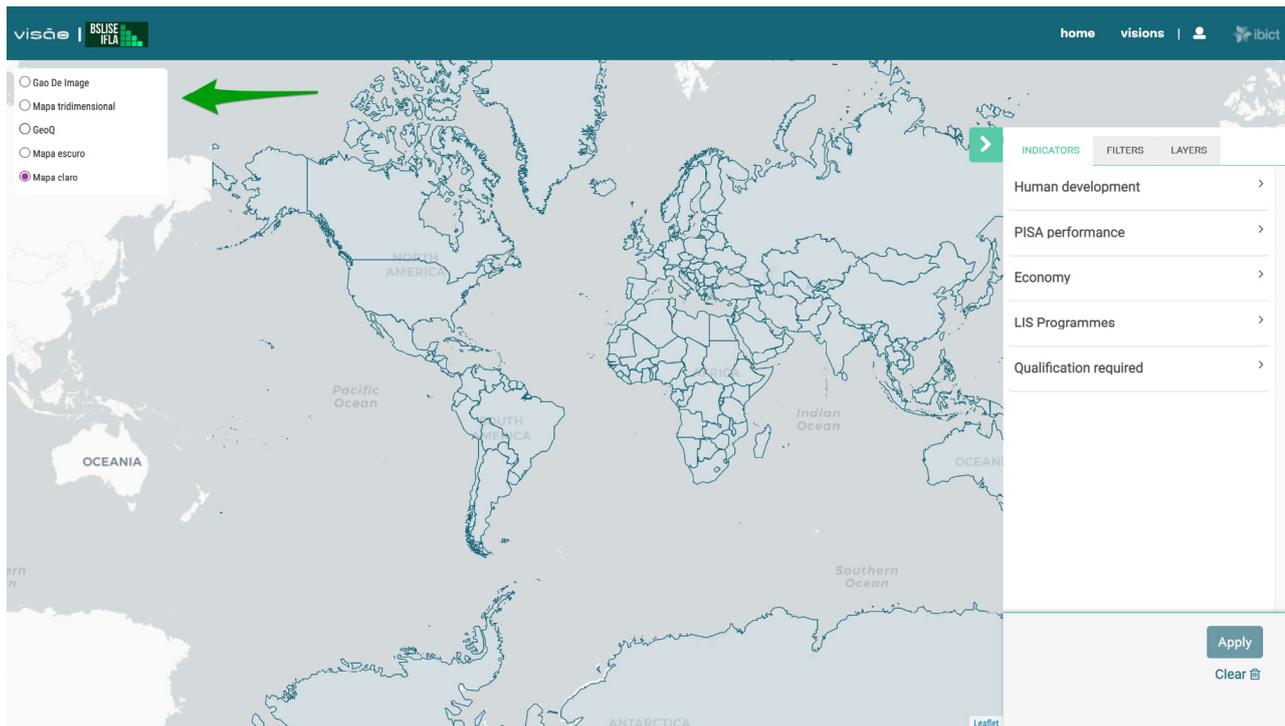


ii. Opening menu



d. Customize the Map Display Options:

- i. Select from the five different map view options (Satellite image [Gao de Image]; Three-dimensional map [Mapa tridimensional]; Geographical [GeoQ]; Dark map [Mapa escuro]; Light map [Mapa claro])



ii. Example of the Three-dimensional map view



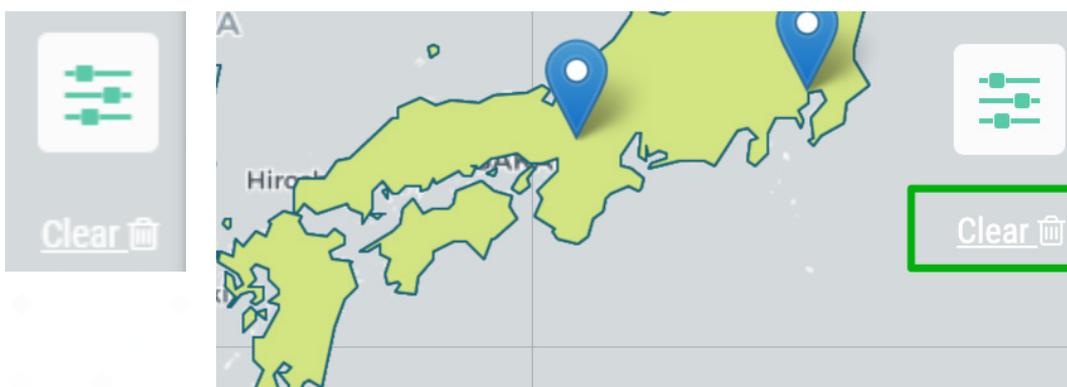
e. Customize Map Colors/Color Opacity



- i. Red, Yellow, Green button changes color scheme
- ii. Slider with 0 to 100 changes the color opacity
- iii. Note: This option is only available with indicators selected

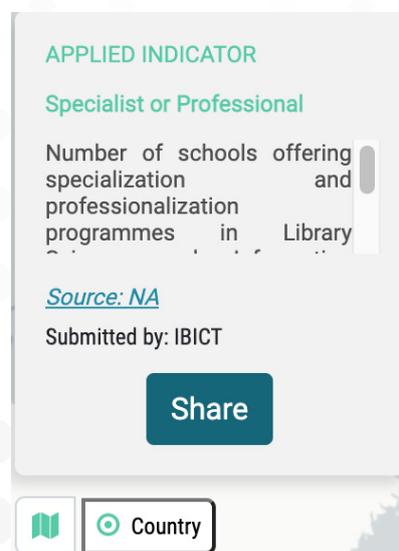
f. Refresh the Menu and Map

- i. **Refresh Menu:** Click **Clear**  in the lower right corner of the menu
- i. **Clear and Refresh Map:** Click on the “Clear” button below the closing menu with the arrow on the right side >>



g. Indicator Pop-Ups

- i. When an indicator is applied, a pop-up will automatically activate in a small box in the lower-left corner of the map. The pop-up includes an explanation of the indicator applied on the map and the source of the information. If this information is not viewable, the user may need to disable any popup blockers in their browser (e.g., Adblock).



h. LIS Program Labels

- i. When viewing LIS programs using the “LIS Schools” layer, labels will pop up for each school in the form of a pin.
- ii. When looking at the full map, areas with 10 or more LIS Schools will reflect as a yellow circle indicating the number of schools in that area. Areas with between 2 and 9 schools will show up as a green circle with the number of schools. Single LIS Schools will show up as a blue pin.



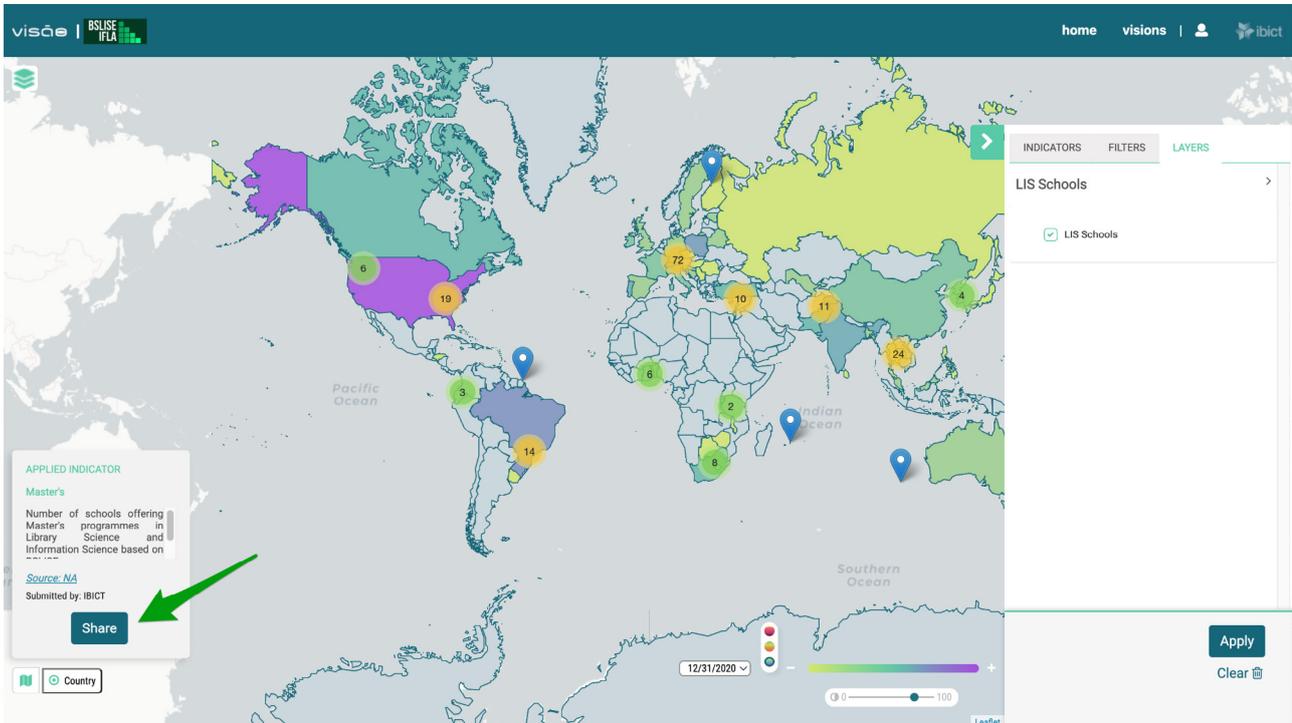
iii. Clicking on any of these three types of labels will zoom in to that area, where individual blue pins can then be clicked on to see the full information for the selected LIS School including its name, description, address, website, qualifications, specifications, types of programs, etc.

Name: Institution name: San Jose State University
Description: Academic Unit: School of Information
Address: School of Information, Clark Hall, San Jose State University, San Jose, CA, 95192-0029; USA
Website: <http://ischool.sjsu.edu>
Contact: School of Information, Clark Hall, San Jose State University, San Jose, CA, 95192-0029; USA
Qualification: Accredited Degree (National)
Programme specification: Master in Library and Information Science, Master in Archives and Records Administration, Master of Science in Informatics, Post Masters Certificate in Library and Information Science, Certificate in Digital Assets,
Type of program: Master's, Non-degree (Certificate, Diploma, Associate)
Source: Data source: IFLA - Federação Internacional de Associações e Instituições Bibliotecárias

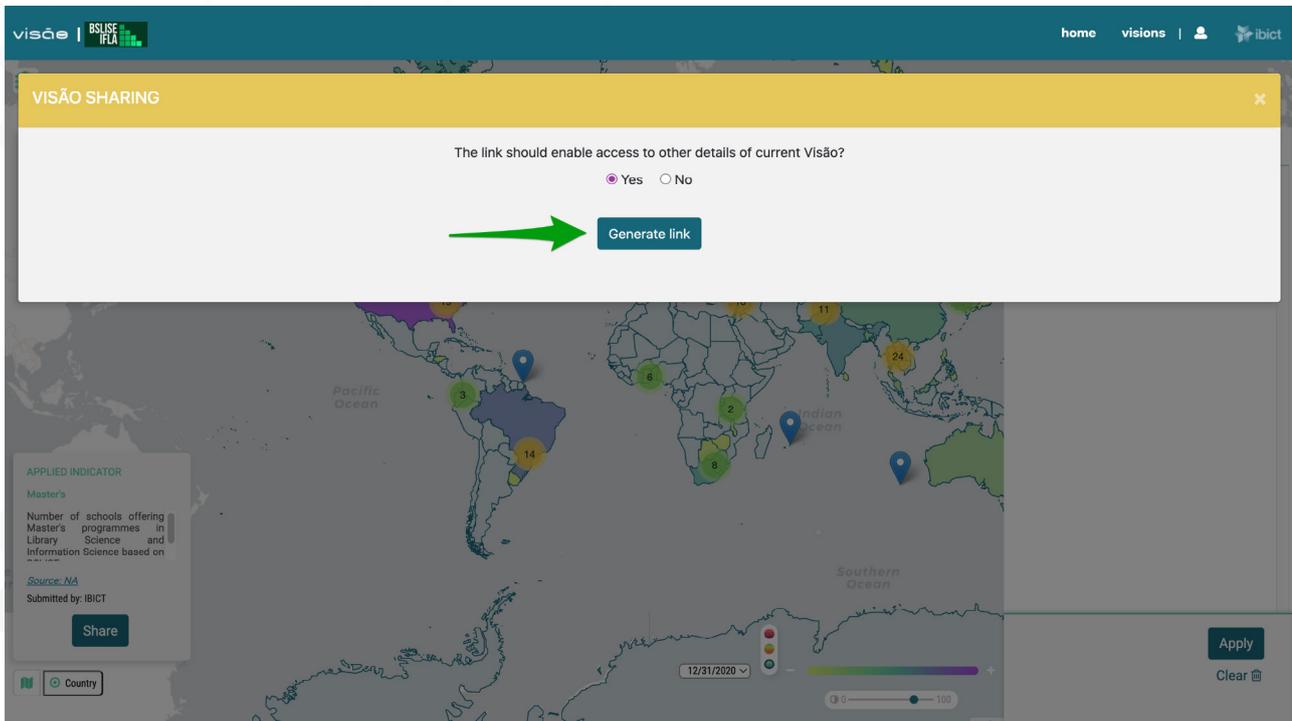
Name: Institution name: Vocational College Brussels-Brabant
Description: Academic Unit: Department of information and library management
Address: Department of information and library management, Rue de l'Abbaye 26, Rue de l'Abbaye 26, Brussels, Belgium, 1050; Belgium
Website: <https://www.he2b.be/formations/sciences-politiques-sociales/bibliothecaire-documentaliste>
Contact: Department of information and library management, Rue de l'Abbaye 26, Rue de l'Abbaye 26, Brussels, Belgium, 1050; Belgium
Qualification: Accredited Degree (National)
Programme specification: Information and library management
Type of program: Specialist or Professional
Source: Data source: IFLA - Federação Internacional de Associações e Instituições Bibliotecárias

i. Share Map Button

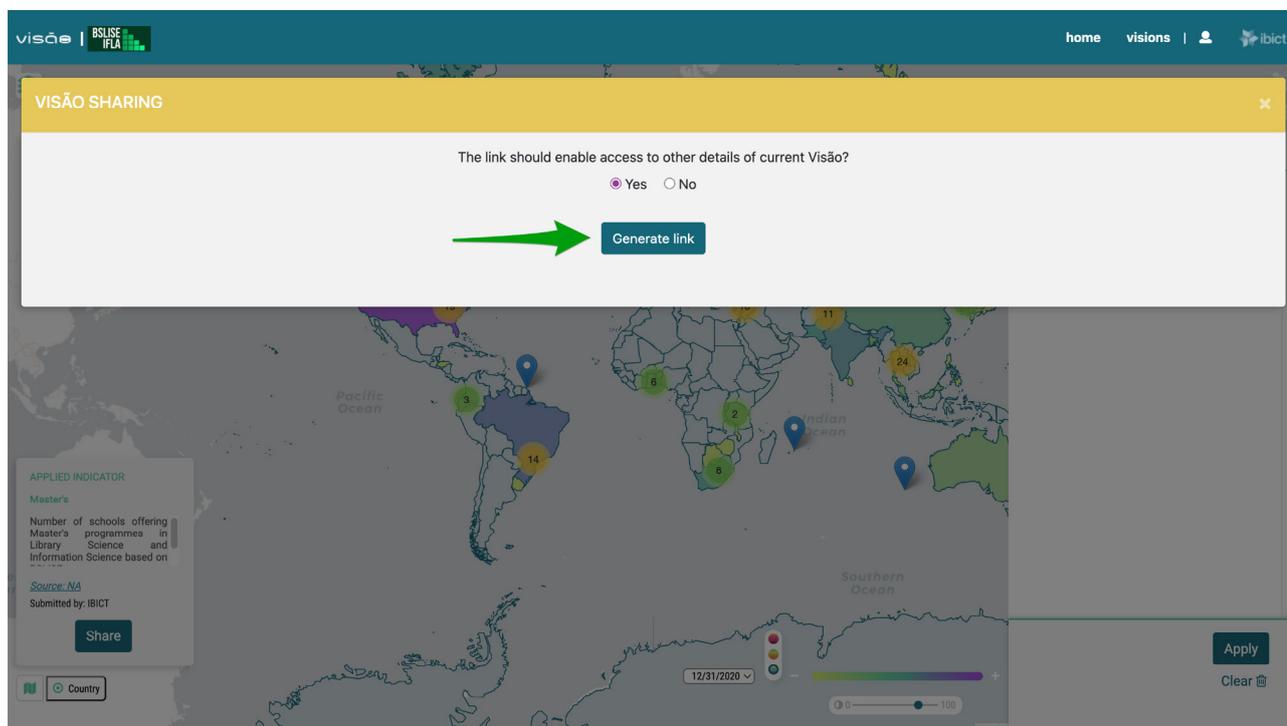
i. **Step 1:** Click the “Share” button on the bottom left



ii. **Step 2:** Select “Yes” for the link to enable access to other details of the current Visão and then click “Generate link”



iii. **Step 3:** Click the “Copy Link” button and you can successfully share the map with the selected data using the generated link



C. Indicators, Filters, and Layers

The map may be searched using three types of information: 1) Indicators, 2) Filters, and 3) Layers. To understand a little more about each type and what you might use them for, see the table below:

Type of information	What is it?	Does it allow simultaneous selection?
Indicators	Generated from quantitative data, the indicators represent numbers distributed geographically. They are raw numbers or statistics that the system represents in graphic form by coloring the map. In this map, indicators are composed of the countries where one or more iSchools have provided data.	No. Only 1 indicator can be applied at a time
Filters	Generated from quantitative data, filters are used to refine the indicators. By grouping geographic regions according to a certain characteristic, the filter is applied on the map always next to an indicator to delimit the regions where the indicator will be applied.	Yes
Layers	The layers represent the location points of LIS Schools. Layers can be applied alone or in conjunction with indicators and/or filters, enriching the information presented on the map.	Yes

