

## **FREE AND CLARIFIED CONSENT TERM**

We invite you to participate as a volunteer of the research: **A COMPARATIVE STUDY OF GEOGRAPHIC DATA DISTRIBUTION VISUALIZATION TECHNIQUES**, which is the responsibility of master student Edcley José da Silva (e-mail: ejs2@cin.ufpe.br) and is under the guidance of researcher Dr. Nivan Roberto Ferreira Junior (e-mail: nivan@cin.ufpe.br Address : Informatics Center (CIn) of UFPE Av. Journalist Aníbal Fernandes, s / n - University City (Campus Recife) - ZIP Code: 50.740560 | Phone: (81) 2126-8430, e-mail: nivan@cin.ufpe.br). All your questions can be clarified with the person responsible for this research. Only when all the clarifications have been given and you agree to the study, we ask you to click the yes button to accept this term. In the end you will receive a copy from this doc signed by the responsible. You will be free to decide to participate or decline. If you do not agree to participate, there will be no problem, giving up is your right, and consent can be withdrawn at any stage of the research, also without penalty.

## **RESEARCH INFORMATION**

Given the significant use of visualization systems and the existence of risks and data in decision making through tools, this study aims to address risks and uncertainties in the visualization of geographic data based on literature recommendations, thus generating an alternative that assist in strategic decision making, where visualization of information generated through data allows exploration with greater confidence for the user. In this experiment you will have to answer interview questions based on your interaction with a visualization and the scenario proposed by the researcher.

**RISKS:** There may be situations where you feel embarrassed or shy about not knowing the answer to a proposed question. There is also the possibility that you do not know what to do on the system, as this is a view unknown to you. While using the system, you may be comfortable if you are uncomfortable talking, and you can use the system anytime you feel comfortable, taking as long as you need.

**BENEFITS:** Participating will enable you to know and learn a type of data visualization in the case of experimenting with risk and uncertainty map visualization.

All information in this research will be confidential and will be disclosed only in scientific events or publications, with no identification of volunteers, except among those responsible for the study, ensuring confidentiality about their participation.

The data collected in this research (questions, time duration and number of clicks) will be stored on a account on a Google Drive, under the responsibility of the researcher,

for a period of at least 5 years. Nothing will be paid to you and you will not be charged to participate in this research, as acceptance is voluntary, but you are also guaranteed compensation in cases of damage, proven to result from participation in the research, according to court or extrajudicial decision.

If necessary, the expenses for their participation will be borne by the researchers (transportation and food reimbursement). If you have any questions regarding the ethical aspects of this study, you can consult the UFPE Research Ethics Committee Involving Human Beings at: (Avenida da Engenharia s / n - 1st Floor, room 4 - Cidade Universitária, Recife-PE, CEP: 50740-600, Tel: (81) 2126.8588 - email: cepccs@ufpe.br).

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Edcley Jose da Silva – Researcher responsible