

Concept Note

General background and technical specifications:

INTERNATIONAL SURVEY ON CLIMATE CHANGE STATKNOWS 2019

- In two phases, the study entails a survey of perceptions of statistically representative samples in countries of the American continent (South, Central and North America), plus Spain and Portugal.
- The first phase includes 17 Spanish-speaking countries in Latin America, plus Brazil. The results will be made public in December 2019, in the context of the UN Climate Change Conference (COP 25).
- The study is carried out by StatKnows in close collaboration with the Center for Climate and Resilience Research - (CR)².

Santiago, Chile. November 19, 2019 - Chilean company StatKnows is developing an international perceptions study on the environment and climate change, as a free contribution to scientific research, the development of public policies and climate action. It is working in close collaboration with the Center for Climate and Resilience Research - (CR)².

The first phase of the study, currently fully under way, includes 17 Spanish-speaking countries in Latin America, plus Brazil. The results of this phase will be disseminated in the context of the COP 25.

The second phase of the same study, the results of which are expected to be available by January 2020, will include 18 additional countries, reaching a total of 36 countries in the Americas (South, Central and North America), plus Spain and Portugal in the Iberian Peninsula.

The estimated sample size for the two phases of the study is 12,000 people. The estimated overall sampling error is 3%.

StatKnows is a knowledge and technology intensive Chilean company that works with statistical science, artificial intelligence, automation and other advanced resources. One of its lines of activity is the development of perceptions studies, which are carried out digitally. Its methodology makes it possible to apply parallel surveys in different countries and regions of the world, and in different languages, safeguarding representativeness and statistical precision. It has a patented sample inference methodology for online surveys, which allows it to calibrate and link sample responses with census information and other types of information, so as to properly represent the populations under study (not just Internet users). StatKnows also adheres to strict personal data protection policies.

The Center for Climate and Resilience Research (CR)² is a center of excellence funded by the Fondap program of Chile's National Commission for Scientific and Technological

Research (CONICYT). Researchers from the Universidad de Chile, Universidad de Concepción and Universidad Austral de Chile, as well as from other institutions, actively participate in the Center. (CR)² conducts interdisciplinary scientific research to deepen understanding of the processes and impacts of the climate system in Chile. (CR)² designed the study questionnaire, and its researchers will work with StatKnows in the analysis and dissemination of the findings.

Technical data

Sample universe:

All persons over 18 years of age are located within the following countries:

Phase I (18 countries)

Argentina, Bolivia, Brazil, Chile, Colombia, Costa Rica, Dominican Republic, Ecuador, El Salvador, Guatemala, Honduras, Mexico, Nicaragua, Panama, Paraguay, Peru, Uruguay and Venezuela.

Phase II (18 countries)

Spain, Portugal, United States of America (including Puerto Rico), Republic of Haiti, Barbados, Republic of Trinidad and Tobago, Jamaica, Grenada, Republic of Suriname, Dominica, Saint Lucia, Antigua and Barbuda, Saint Vincent and the Grenadines, Bahamas, Federation of Saint Kitts and Nevis, Canada, Belize, Republic of Guyana.

It includes all OAS member countries (with the exception of Cuba, due to technical restrictions in that country), plus Spain and Portugal.

Sampling type:

Stratified probabilistic sampling with allocation proportional to the size of biphasic selection.

Estimated theoretical sample size:

12,000 people (Phase I: 6,000 people, and Phase II: 6,000 people).

General sampling error:

3% estimated at the general level for the total survey (stratum level error).

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