EXPERIENCE Y CHALLENGES USING
BIG DATA
NATIONAL STATISTICS
OFFICE DOM. REP.
MIOSOTIS RIVAS PEÑA
DIRECTOR GENERAL
Recognizing the importance of non-traditional data sources and the use of big data to strengthen statistics, efforts were focused on incorporating non-conventional sources in statistical production.
TRAINING AND WORKSHOPS FOR THE APPLICATION OF BIG DATA

Big Data y análisis de salud para el desarrollo sostenible (Taller 3)

Big Data y análisis de seguridad para el desarrollo sostenible (Taller 4)
INDICATORS OBTAINED FROM BIG DATA

1. Land use and soil cover.
2. Vegetation Index in protected areas.
3. Permanence of freshwater bodies over time.
4. Solid waste in coastal areas through images.
INDICATORS OBTAINED FROM BIG DATA

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INDICATORS OBTAINED FROM BIG DATA

4

Solid waste in coastal areas through images.

SITUATION OF THE ARRIVAL OF SARGASSUM TO THE DOMINICAN BEACHES.
MAIN CHALLENGES OF THE USE OF BIG DATA

The development of statistics obtained from the use of big data and the use of non-traditional data sources; some challenges are identified:

- **Technical challenges:** The technical training necessary to process this information.

- **Confidentiality challenges:** licenses and terms of use under which this data is protected.
EXPERIENCE IN USE
WEB SCRAPING
We connect with an ecosystem of institutions. There is the possibility and capacity of exchange and generation of automated information regardless of the modality.

Except for environmental issues - There is no marked interest among the SEN institutions in this type of initiative. At the level of discourse there is political will, in practice it is not reflected.

Institutions need to make a maximum effort to provide the information required for transfer.
Good data,
Good policies
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