

Welcome to the BigSurv20 Bugle

If you are one of those folks who want to learn everything possible about BigSurv20, this newsletter is for you!

The BigSurv20 Bugle (or simply, the Bugle) will supplement the [BigSurv20 webpage](#) and the [BigSurv20 Twitter feed](#) on a monthly basis in the following ways:

1. *Providing friendly reminders of upcoming deadlines*
2. *Offering sneak peeks of BigSurv20 activities as they are being planned*
3. *Providing unique factoids about the home of BigSurv20: The Netherlands*

The Bugle is designed to meet your needs, so please reach out to us at info@bigsurv20.org if there is a topic you would like for us to discuss in a future newsletter.



In this issue

Welcome to the BigSurv20 Bugle P.1

Reminder: Call for Abstracts Deadline P.1

Sneak Peek: Big Data Challenge P.2

BigSurv20 Presentation Tracks P.2

Monthly Q&A about the Netherlands P.2



Reminder: Call for Abstracts Deadline

Five things to keep in mind as you prepare your BigSurv20 abstract

1. The abstract submission deadline is February 13, 2020

Put a reminder in your phone. Stick a post-it note to your monitor. Tie a string around your finger. Use whatever memory trick you'd like as long as it's one that will help you remember that the BigSurv20 abstract submission deadline is **February 13, 2020**.

2. When you submit an abstract, you will be asked to choose a presentation format

The BigSurv20 program will include three presentation formats: paper presentation, poster presentation, and software demo presentation. Paper presentations involves a 15-minute oral presentation. Poster presentations will occur during dedicated poster sessions and, similarly, software demo presentations will occur during dedicated software demo sessions.

3. When you submit an abstract, you will be asked to choose a presentation track

The BigSurv20 Scientific Committee identified 12 presentation tracks as a way of organizing the abstract submissions. The tracks are discussed later in this newsletter.

4. BigSurv20 is also accepting session proposals

In addition to abstracts, you can submit proposals for complete sessions consisting of 4 or 5 papers.

5. Submit abstracts and session proposals at BigSurv20.org

Go to www.bigsurv20.org/abstracts to submit an abstract (500-word limit) or session proposal.





Sneak Peek

Big Data Challenge

Like BigSurv18, BigSurv20 will have a live data science event: the big data challenge. The [BigSurv20 webpage](#) will be updated with big data challenge details during the week of January 21st. To tide you over until the information drops on our webpage, here's a sneak peek of what to expect with the BigSurv20 big data challenge.

In order to avoid privacy issues and legal procedures, the big data challenge will not use existing data like BigSurv18. Instead, teams will be invited to create and evaluate big data generating smart systems. The teams will need to prove and demonstrate that the systems are feasible in practice and that the resulting big data are sufficient to solve the challenge that was posed. In order to create smart systems, hardware and sensors will be provided to participating teams.

You can get involved in the big data challenge in one of two ways:

1. Data Challenge Owner: Submit a challenge requesting a solution to an existing output need in an area of social statistics. Challenge topics may be in areas like consumption, environment, health, lifestyle, and labor. Challenge submission opens the week of January 21st.
2. Data Challenge Participant: Be part of a team that develops a smart (sensor) system (a hybrid form of data collection that mixes existing big data, new sensor data, and new survey data) in response to the big data challenge. Participant registration opens May 1st.

BigSurv20 Presentation Tracks

Everything you've ever wanted to know about the BigSurv20 presentation tracks (and possibly a few things you really don't care to know)

The BigSurv20 conference is intended to foster communication, collaboration, and understanding between two groups: (1) computer scientists, data scientists, and scientists in other disciplines focusing on Big Data sources and analysis techniques, and (2) methodologists and social science researchers working with traditional sources of data collection and statistical analyses.

With this communication and collaboration across disciplines in mind, the BigSurv20 Scientific Committee identified 12 presentation tracks as a way of organizing the abstract submissions. The tracks (included below) attempt to provide abstract submission category options for a variety of disciplines.

1. Combining multiple sources of data (such as registers, survey and qualitative data, media data, and sensor data)
2. Ethics of data collection, processing, sharing, and use in the era of Big Data
3. Measurement, feature construction
4. Innovations in data collection: Methods and new data sources
5. Advances in questionnaire and survey user interface/experience design and evaluation
6. Artificial Intelligence (AI) or Machine Learning (ML) in data cleaning and processing
7. Estimation issues using Big Data and/or survey data
8. Advances in modeling: Machine learning, deep learning, AI
9. Computationally intensive methods
10. Quality assessments of various sources of data (such as registers, survey and qualitative data, media data, and sensor data)
11. Communication and data visualization
12. Create your own track

Monthly Q&A about the Netherlands



Q: What are some basic population statistics for the Netherlands?

A: With 17 million people and a population density of 488 people per km², the Netherlands is the most densely populated country of the European Union and one of the mostly densely populated countries in the world.

The total size of the Netherlands is 41,500 km². Amsterdam is the capital, but the government resides in The Hague. More than 40% of the total population live in the Randstad, the agglomeration of the cities of Amsterdam, Rotterdam, The Hague, and Utrecht.

Source: <https://www.holland.com/global/tourism/information/general/facts-figures.htm>