



# Turkish Court of Accounts

**Activity:** 3<sup>rd</sup> MEETING OF INTOSAI WORKING GROUP ON BIG DATA (WGBD)

**Date:** 24-26 April 2019

**Place:** Copenhagen, DENMARK

**Participant Countries & Organisations:** ARGENTINA, AUSTRIA, BANGLADESH, BHUTAN, CHINA, DENMARK, ESTONIA, FINLAND, INDIA, INDONESIA, KOREA, KUWAIT, NETHERLANDS, NORWAY, PHILIPPINES, PORTUGAL, RUSSIA, SENEGAL, THAILAND, TURKEY, UK, US, ECA & AFROSAI.

**Participant(s):** Mehmet GEVREK (Senior Auditor - Director of Group 30), Mustafa ERSÖZ (Senior Auditor – Group 30) and Nihan POLAT (Auditor - Group 30)

**Summary:** The 3<sup>rd</sup> Meeting of INTOSAI Working Group on Big Data was held in Copenhagen, Denmark, from 24 to 26 April 2019, and was hosted by Danish National Audit Office. The theme of the meeting was "Adapting to the Changes in Audit Management of Big Data".

The conference was attended by 49 delegates, from 24 SAIs from Europe, America, Africa and Asia, including ECA and AFROSAI.

Within the scope of the meeting, the Turkish Court of Accounts (TCA) has made 2 presentations. Senior Auditor Mr. Mustafa ERSÖZ, from TCA made a presentation about “General Information About CAATTs Activities at TCA”. The subject of the second presentation made by Auditor Mrs. Nihan POLAT was “Implementation of Big Data Analytics Via Audit Software/System of TCA - VERA”.

Among participants 12 countries made presentations. The presentations were mainly focused on good practice examples addressing the challenges faced with Big Data. The contents were concentrated on:

- Type of analyses made for financial audit and performance audit,
- The tools they are currently using (Python, R, Anaconda, Databricks, Git, Azure DevOps, Shiny, Tableau, Jupyter, Minit, SPSS, GIS, etc.)
- Future projections targeting using new tools enabling further data analytics techniques,

- Cooperation among state bodies such as usage of statistical registers for audit and monitoring purposes in areas such as health and education and

- Expanding the capacity of the personnel.

The common challenges faced by SAIs in the world of big data are briefly, data collection and data management problems; the need for setting a strategy for coping with continuously developing data; creating ways to improve efficiency and effectiveness and expanding audit coverage; increasing data analytics capabilities and awareness.

To overcome those challenges conducting more data driven audits is seen as a must for SAIs. For managing continuously developing data, for early warning of risks and fraud detection; newer and better ways should be developed, more human resource should be allocated to that purpose, more cooperation must be achieved both nationally and internationally.

**Photo of the event:**

