CURRICULUM VITAE

1. **Family name: ASLAN**

2. **First names: Murat**

6. **Education:**

Institution [Date from - Date to]	Degree(s) or Diploma(s) obtained:
Middle East Technical University, 1994-1999	Bachelor's degree in Statistics
Middle East Technical University, 1999-2002	Master's degree in Statistics
Middle East Technical University, Thesis Phase	Ph.D. in Geodetic and Geographical Information Technologies

7. **Language skills:** Indicate competence on a scale of 1 to 5 (1 - excellent; 5 - basic)

Language	Reading	Speaking	Writing
Turkish	Mother Tounge		
English	1	1	1
German	3	3	3
Spanish	5	5	5

Membership of professional bodies: Member of European Union Experts Association & METU Alumni Association

8. **Other skills:**

Web Application Development, Backend Development

- Competence in computer literacy, MS Office Software, SPSS Statistical Package Program, Visual Basic macro programming, MATLAB, Mapinfo, ArcGIS, QGIS, R and Python.

- Data security ISO 972001 inspector certificate

9. **Present position:** Ministry of Agriculture and Forestry, Monitoring and Evaluation Specialist / Statistician / Data Scientist

10. **Years within the firm:** 17

11. **Key qualifications:**

- Extensive knowledge on both numerical and spatial agricultural statistics.
- Preparing strategical documents on harmonization of the Turkish statistical system to the EU requirements as well as implemented parts of the strategy in Turkey. Including setting up the systems for data collection (including establishing a digital platform for data collection from producers and traders).
- 17 years of proven experience with the Turkish Ministry of Agriculture, on collection, validation and analysing data for different types of agricultural statistics, including price collection and Farm Accountancy Data Network (FADN).
- **Extensive knowledge on digitalization of agriculture including integrated agricultural information system, land information, crop mapping with machine learning, digital marketing platform and market information system.**
- **Implementation of the EU projects.**
- **Monitoring and evaluation expert for outsourced projects (EU, IFAD, GEF)**
- **Experience as Senior Non-Key Expert for agricultural statistics, digitalization of agriculture and integrated agricultural information system in international projects**

<u>General:</u>

- **17 years of experience in statistics, agriculture, digitalization, land management, software development, artificial intelligence, food security, agri-food business, agricultural economics and EU funded project management in Ministry of Agriculture and Forestry**
- Competent knowledge in statistical analysis, sampling, survey design, agricultural data analysis
- **Establishment of agricultural information systems (AIS) for digitalization of agriculture and policy making**
- **Land management and nature protection strategy development (cross compliance)**
- Agricultural inventory development in Turkey
- **Geographical Information Technologies**
- Geo-statistics analysis
- Data security ISO 972001 inspector certificate
- **Preparation of farm economics reports for farmers**
- **Preparation of annual micro level economic overview for Turkish agri-food sector**
- **Data collection for agri-food sector and analysing**
- Preparation of Turkish Agricultural Statistics Strategy on how to align with EU system.
- **Price collection in digital platform from both producers and traders for agri-food products**
- **Value chain analysis in agri-food sector**

<u>Agro-geoinformatics and Artificial Intelligence:</u>

- **Artificial Intelligence and machine learning** for crop and land use mapping
- Geostatistics for Turkish agriculture
- Establishment of Land Information System
- Coordination of Integrated Administration and Control System

<u>**Project Management**</u>
As project coordinator;

- IPA (Pre Accession Assistance) Programming 2007, "Strengthening the Statistical Capacity of Ministry of Agriculture and Rural Affairs" project in the period of 2007-2009
- IPA (Pre Accession Assistance) Programming 2009, "Extending the Pilot FADN Project and Ensure Sustainability" project in the period of 2009-2011
- IPA (Pre Accession Assistance) Programming 2010, "Digitization of LPIS" project in the period of 2014-2017
- IPA (Pre Accession Assistance) Programming 2011, "Training Staff on IACS Procedures" project in the period of 2015-2017
- IPA (Pre Accession Assistance) Programming 2013, "Harmonization of Cross Compliance Rules" project in the period of 2016-2018
- IPA (Pre Accession Assistance) Programming 2014, "Establishment of Farm Advisory System" project in the period of 2017-2019
- IPA (Pre Accession Assistance) Programming 2012, "Capacity Building and support to the preparation of a Regulatory Impact Assessment (RIA) for Decoupled Agricultural Support" project in the period of 2017-2019
- IPA (Pre Accession Assistance) Programming 2013, "IACS Software Development, OTSC and Risk Analysis Training" project in the period of 2017-2019

12. **Specific experience in the region:**

Country	Date from - Date to
Turkey	2005 to date
Holland	2012
Montenegro	2017
Azerbaijan	2022
Kosovo	2022

13. Professional experience

Date from - Date to	Location	Company	Position	Description
September 2022 – to date	Turkey	MoAF	Monitoring and Evaluation Specialist	Monitoring and evaluation of IFAD projects
July-September 2022	Kosovo	CSI Piomonte	Senior International Non-Key Expert	Preparation of technical specification for digitalization of Integrated Agricultural Information System
March-April 2022	Azerbaijan	IDI	Senior International Non-Key Expert	Strategy preparation and implementation for price statistics in line with EU CMO
January 2021 – September 2022	Turkey	MoAF	Digital Agri-food Market Analyst	Preparation /development of digital agri-food market platform Agri-food value chain analysis
January 2021 to date	Turkey	MoAF	Monitoring Expert	Monitoring of outsourced projects as a member of Project Monitoring Expert Pool
January 2017 to date	Turkey	MoAF	Data Scientist	Artificial Intelligence for land use and crop monitoring
November 2017	Montenegro	GISS	Senior International Non-Key Expert	Preparation of Land Parcel Identification System (LPIS) structure and data quality plan for Montenegro
September 2014 – September 2021	Turkey	MoAF	IACS/LPIS Expert	Monitoring of the agricultural area for production planning in agri-food sector IACS Coordinator Managing Land Information System
10-15 September 2012	Holland	LEI & AIC	Senior International Non-Key Expert	Short term expert within a project implemented by Holland Agricultural Economics Research Institute (LEI) and Saudi Arabian Agricultural Information Center (AIC) on Farm Accountancy Data network, preparation of tender dossier for establishment of agricultural information systems for agri-food sector Data collection on agricultural statistics Validation of the prices collected in FADN with other resources
2007 to date	Turkey	MoAF	EU Expert	EU project coordination of MoAF Coordination point/expert for 9 EU Projects run by the MoAF Establishment of agri-food information systems
2005 to date	Turkey	MoAF	Expert- Agricultural Statistics and Agricultural Accountancy	Responsible for/contact point on the Harmonization of Turkish Agricultural Statistical System to EU acquicommunataire. Harmonization of Turkish agri-food price collection system with the EU requirements Developing strategies for MoAF on agricultural statistic and accountancy for agri-food sector Preparation of annual micro level economic overview for Turkish agri-food sector

14. Other relevant information (Publications, articles etc.)

Workshops

- Brussels/Belgium 19-20 June 2006 Participation to 18. Statistics Chapter Explanatory Meeting
- Brussels/Belgium 17-18 July 2006 Participation to 18. Statistics Chapter Country Session
- Brussels/Belgium 19-20 June 2006 Participation to 18. Statistics Chapter Explanatory Meeting
- Brussels/Belgium 17-18 July 2006 Participation to 18. Statistics Chapter Country Session
- Bosnia-Herzegovina 10-11 October 2007 Introduction of Turkish Agricultural Statistics System in the workshop.
- Bosnia-Herzegovina 10-11 October 2007 Introduction of Turkish Agricultural Statistics System in the workshop.
- Germany 17 -19 January 2008 Participation to workshop concerning German and Turkish agricultural statistics system, price collection,
- Germany 30 June-02 July 2009 Participation to workshop concerning econometric analysis of agromonetary data
- Italy 01-03 October 2012 Participation to International Pacioli workshop, presentation of agriculture statistics analyses of Turkey
- Italy March 2015 JRS IACS/LPIS Conference
- Italy March 2016 JRS LPIS Conference
- Portugal November 2016 IACS Conference
- Belgium May 2017 LPIS workshop
- Cekya November 2019 IACS Conference

Publications, Articles and Presentations:

- Application of Estimation Techniques in Genetic and Other Types of Data, Master Thesis, Middle East Technical University, Statistics Department, Turkey, 2002
- Agricultural Impact Analysis Towards Turkey's Accession to European Union: An Evaluation Study, International Conference on Modelling and Simulation, Konya, Turkey, 2006
- Demographic Transition in Turkey and its Linkage with Economic Welfare, Hacettepe University, Institute of Population Studies, Turkey, 2007
- Presentation of Turkish Agricultural Statistical System in Sarajevo, Bosnia-Herzegovina, 2007
- Sampling in Farm Accountancy Data Network and Sampling Frames in Agricultural Surveys, Ministry of Agriculture and Rural Affairs, Turkey, 2008
- Farm Accountancy Data Network Projects of Turkey, International Project Management Association, Turkey, 2010
- EU Farm Accountancy Data Network and Farm Registry Systems, Agriculture and Rural Development Conference, Turkey, 2011
- Farm accountancy data analyses, Pacioli workshop, Italy, 2012
- Presentation of FADN system, International Geoinformatics Conference, İstanbul, 2015
- Presentation of Turkish LPIS, LPIS Workshop, Italy, 2016
- Presentation of Spatial data usage in Turkey, LPIS Workshop, Belgium May 2016
- **Book Chapter, Book:** Agro,geoinformatics: Theory and Practices, **Chapter 13**: Spatial data Usage in Turkish Agriculture, Springer, 2021

Training:

- Project Monitoring and Evaluation Training, Ministry of Agriculture and Forestry, 2021
- ArcGIS training, ESRI, 2018
- Regulatory Impact Assessment training, NIRAS, 2018
- ISO 27001 data security training, MoAF, 2016
- SPSS data mining basic training, SPSS, 2010
- World Trade Organization "Multilateral Trade Agreements" training, April-May 2009
- Advanced Excel training, 2008
- Training on preparation of Logical framework in European Union General Secretariat, Turkey, 2007
- Training on preparation of Project Fiche in European Union General Secretariat, Turkey, 2007
- Training on Project Management Circle in MoAF, Turkey, 2006
- Training on Twinning Projects, European Union General Secretariat, Deleeuwe International, Turkey, 2007
- Training of trainers, European Union General Secretariat, Deleeuwe International, Turkey, 2007
- Training on German in German Culture Centre, 2004
- Training on Strategic Planning, European Union General Secretariat, Deleeuwe International, Turkey, 2007