



TAGEM
R&D AND INNOVATION

INTERNATIONAL AGRICULTURAL RESEARCH
AND TRAINING CENTRE / İZMİR

LUTFULLAH ARUĞASLAN

Geological Engineer

EDUCATION

- Assoc. prof
 - PhD
 - MSc
 - Bachelor's Degree 1981-1985 Technical University Faculty of Mines İstanbul
- LANGUAGE** İngilizce YÖKDİL / YDS
Almanca YÖKDİL

CAREER

- 2011- International Agricultural Research and Training Centre- Researcher-İZMİR
- 2008-2011 Menemen Soil and Water Resources Research Institute- Researcher-İZMİR
- 2005-2008 Agrohydrology Research and Training Center - MENEMEN/İZMİR
- 1998-2005 Province Directorate of Rural Services – Engineer İZMİR
- 1990-1998 Province Directorate of Rural Services - Engineer SİVAS
- 1986-1987 Bilfer Mining Corporation – Engineer- SİVAS and MALATYA


ABOUT ME

He was born in 1961 in Zara. He graduated from Istanbul Technical University Mining Faculty, Geological Engineering Department in 1985. He started his professional life in mining, and later on gained expertise in groundwater and geotechnical issues. He took part in many national and international agricultural research projects. He is still working as a researcher in agricultural research Projects.

CONTACT

Camikebir Mah. Maltepe Yolu No: 27/1
Menemen / İzmir
35660 TÜRKİYE

 lutfullah.arugaslan@tarimorman.gov.tr

 0 232 831 10 52 - 320



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▪ **PROJECTS**

▪ **Projects Conducted**

1. Effect of Semi-Circular Micro Catchment Water Harvesting Technique and Applications that Improve the Soil Water Holding Capacity on Growth of Olive Sapling. Researcher.
2. Study of Change of Land Degradation, The Effects and Environmental Evaluation on Manisa Akselendi Plain under The Effect of Wind Erosion. Researcher.
3. Determination of the Temporal and Spatial Variation of Soil Moisture in Watershed Scale and Drought Analysis in Kocadere Watershed. Researcher.
4. Forming of Agricultural Landuse Plans with Geographic Information System in Bakırçay Watershed. Researcher.
5. Determining Potential Soil Erosion using RUSLE Model in Balıkesir-Bigadiç- Kocadere Creek Watershed and Planning the Soil Conservation. Researcher.
6. Precipitation and Runoff Characteristics of the Watershed of Balıkesir-Bigadiç Kocadere Creek. Researcher.

▪ **Ongoing Projects**

1. Effect of Micro-Catchment Water Harvesting Technique on Olive Irrigation. Researcher.
2. Determination of Erosion Risk in Basin Scale, and Monitoring of Sediment and Organic Carbon Sources by Fingerprinting Technique. Researcher.



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▪ **PUBLICATIONS**

▪ **INTERNATIONAL ARTICLES AND PAPERS**

▪ **Articles Published in International Journals**

▪ **International Papers, Seminars, etc.**

1. Yılmaz, G., **L. Aruğaslan**, K. Şahin Taysun, (2019). Determination of Soil Erosion and Sediment Yield with RUSLE and MUSLE Models in Watershed Scale. International Congress on Agriculture and Forestry Research (AGRIFOR), 8-10 April, Marmaris.
2. Yılmaz, G., **L. Aruğaslan**, (2015). Sediment Measurement and Assessment at the Sub Catchment Level; The Case of Kocadere Creek Catchment. 4th International Attendant Congress on Soil and Water Resources, 1-4 September 2015, Kahramanmaraş
3. Yılmaz G., E. Bora, **L. Aruğaslan** (2014). Spatial, Temporal Variation of the Rainfall Amounts and Intensity in Balıkesir - Bigadiç Kocadere Creek Catchment (poster). 2nd International Attendant Symposium on Drought and Desertification, 16-18 September, Konya.

▪ **NATIONAL ARTICLES AND PAPERS**

▪ **Articles Published in National Journals**

- Yılmaz, G., **L. Aruğaslan**, G. Yüceerim 2020., Estimation of Sediment Yield Based on Field Measurements and MUSLE Model in Kocadere Watershed. Soil Water Journal, Special Issue: 11-18. <https://dergipark.org.tr/tr/pub/topraksu/issue/59483/700706>.
- **Aruğaslan, L.**, Uyğun Ergin, N., Uzun, N., (2008). Turkish Agriculture and EU, Turkish Journal of Agriculture, Ministry of Agriculture and Rural Affairs Publication, No: 181 (42-44), Ankara.

▪ **International Papers, Seminars, etc.**



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▪ **OTHER PUBLICATIONS**

▪ **Ph.D. Thesis, Master Thesis, Reports, Books etc.**

1. Yılmaz G., K. Şahin Taysun, C.O. Acar N. Özden, **L. Aruğaslan**, Z.L. Bilir, A. Taysun, H. Uysal (2015). Determining potential soil erosion using RUSLE model and planning the soil conservation in Balıkesir - Bigadiç - Kocadere Creek Watershed. General Directorate of Agricultural Research and Policy, (UTAEM 2015-02), (Project Final Report), İzmir.



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▪ Membership, Training, Course, Meeting, Congress, Symposium and Other Activities

1. Applied Internal Control System Training. 13-17/10/2014
2. Applied Internal Control System Training. 14-15/10/2021